B & A

ARITHMETIC

W. R. GATEHOUSE

BOOK 2

CASSELL AND COMPANY

"B" SUMS

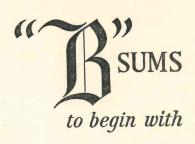## to begin with

INTRODUCTION

THESE books are written by a practising teacher and are the fruits of some years' experience in a Junior School. They give plenty of sums, carefully planned to suit slow and fast pupils.

The sums are well graded, with the object of taking pupils step by step through all the difficulties of each rule. This will be found to facilitate working the class in sections, a procedure which is almost always desirable but never easy, especially when classes are large.

Slow pupils will work at the first or "B" part of the book until the rule is thoroughly mastered. *Faster pupils, guided by the footnotes, will "go through the door" to the "A" part of the book which contains tests and harder sums in the same rule.* In this way the teacher can easily arrange for each section to work at its appropriate level, and further instruction can be given to a group of pupils while the rest are working with their books.

"As the Author is engaged under the London County Council. it is necessary to state that the Council is in no way responsible for anything which is contained in this book."

BK. 2

REVISION SUMS

A

1. 2167+136+2173
2. 1072+2046+3728
3. 126+52+1793+60
4. 7126+2143+1268
5. 1287+215+1298
6. 36+1263+720
7. 1264+36+7284
8. 736+1296+2647
9. 2936+137+2000
10. 1286+193+2674
11. 126+93+1368+7
12. 200+196+2009+72
13. 5+100+67+1000
14. 73+612+90+2000
15. 1263+64+73+800
16. 7+100+93+1006

B

1. 267— 132
2. 1263—1072
3. 5647—2367
4. 4000—1362
5. 5000—128
6. 6000— 24
7. 3000— 7
8. 7260—126
9. 3026—120
10. 4006—127
11. 3008—109
12. 4264—127
13. 2068— 136
14. 7462—1341
15. 4000— 9
16. 2000— 100

C

1. 236 × 5
2. 468 × 7
3. 739 × 6
4. 624 × 9
5. 796 × 11
6. 1236 × 10
7. 2167 × 8
8. 1364 × 12
9. 2368 × 7
10. 1067 × 6
11. 2004 × 10
12. 3072 × 5
13. 1367 × 4
14. 2507 × 11
15. 3129 × 12
16. 2479 × 6
17. 1926 × 12
18. 1306 × 4
19. 6120 × 7
20. 2304 × 10
21. 1628 × 9
22. 1209 × 12
23. 2634 × 6
24. 2057 × 11
25. 3070 × 4
26. 4092 × 12
27. 6426 × 9
28. 3204 × 6

D

1. 2466÷6
2. 1963÷8
3. 2755÷5
4. 3624÷4
5. 1265÷12
6. 4527÷7
7. 1267÷10
8. 4132÷4
9. 7516÷5
10. 4323÷11
11. 3001÷6
12. 2520÷12
13. 2680÷4
14. 3716÷9
15. 8136÷8
16. 7264÷12
17. 4123÷4
18. 5361÷8
19. 4723÷12
20. 3540÷6
21. 1260÷10
22. 7036÷4
23. 3216÷11
24. 5826÷12
25. 4016÷5
26. 4842÷9
27. 8132÷4
28. 3523÷12

A

	£	s.	d.		£	s.	d.		£	s.	d.
1.	35	4	9	+	76	18	7½	+	5	4	6¾
2.	9	17	7¾	+	21	6	0¾	+	15	15	2½
3.	71	2	8	+	59	1	9	+	9	17	11½
4.	7	4	6	+	19	2	10¾	+	6	16	1½
5.	51	16	6	+	12	8	4¼	+	41	5	8
6.	26	13	9¼	+			7½	+	19	15	0
7.	3	17	10	+	5	14	4	+	2	6	8½
8.	71	16	6½	+	38	6	9¼	+	30	0	7
9.	47	3	8	+	2	17	0¼	+	95	2	0
10.	1		11½	+	17	2	8	+	4	14	0
11.	71	2	7	+	38	14	1½	+	7	19	2¾
12.	18	0	9	+	25	16	10¾	+	75	0	0
13.	21	16	3¼	+		5	7½	+	2	12	2
14.	54	2	10	+	3	18	9	+	15	15	6½
15.	19	1	11¼	+	71	12	2	+	2	17	10¼
16.	41	9	5	+	14	2	6½	+	1	19	4
17.	27	19	6	+	57	2	8¼	+	17	0	9¾
18.	17	16	3	+	27	3	8½	+	99	2	10½

B

	£	s.	d.		£	s.	d.
1.	27	16	9½	—	14	7	10¼
2.	38	4	10¼	—	26	10	8½
3.	20	5	8	—	14	16	2¾
4.	49	19	1½	—	25	18	10¼
5.	77	4	6	—	27	18	5¼
6.	34	15	0	—		16	6
7.	19	2	10¼	—	9	8	6¾
8.	27	6	6½	—	19	12	10¾
9.	40	15	9	—	30	7	10¼
10.	17	9	0¼	—		16	8½
11.	26	8	10½	—			11¼
12.	69	9	9	—	34	11	11
13.	33	0	0	—	26	1	2½
14.	18	18	2¼	—	10	19	1¾
15.	24	16	9	—	2	8	9½
16.	37	15	6¾	—	26	18	1½
17.	41	5	10¼	—	20	15	9½
18.	37	0	9	—	21	19	10½
19.	28	2	7½	—	16	7	2
20.	45	1	0	—		17	11¾
21.	36	4	10½	—	17	9	8¾
22.	50	0	0	—	9	6	2½

A

	£	s.	d.			£	s.	d.			£	s.	d.	
1.	1	3	6½	×6	15.		11	6¾	× 9	29.		19	8½	× 6
2.	7	2	4½	×5	16.	6	2	2¼	× 6	30.	13	16	7½	× 5
3.	6	5	8½	×4	17.	9	12	6½	×10	31.	18	13	2¼	× 8
4.	3	9	2¼	×7	18.	8	13	4¼	× 7	32.	13	9	6½	× 7
5.	5	8	4	×5	19.	2	16	7¼	× 9	33.	21	2	5½	×11
6.	4	0	6¼	×8	20.	5	10	8¾	× 8	34.	23	0	6½	× 9
7.	9	5	7½	×6	21.	6	17	10¼	× 5	35.	19	11	0¼	× 6
8.	7	4	0¼	×9	22.	7	13	11¼	× 7	36.	13	16	10½	×12
9.		9	8½	×7	23.	8	15	6½	×10	37.	11	5	8½	×10
10.	6	11	7¼	×5	24.	9	0	11½	× 9	38.	15	14	9¼	×12
11.	2	9	6½	×8	25.		19	0¼	× 6	39.	22	13	8½	×11
12.	8	12	7¼	×6	26.	12	16	3½	× 5	40.	16	15	0¼	× 7
13.	7	6	4½	×4	27.	14	15	0¼	×11	41.	6	0	2½	× 9
14.		12	9½	×7	28.	11	4	0¾	× 8	42.	18	13	11¾	×12

B

	£	s.	d.			£	s.	d.			£	s.	d.	
1.	12	8	0	÷6	15.	26	16	1¾	÷ 5	29.	31	11	5½	÷ 7
2.	15	11	4¼	÷5	16.	11	15	0	÷ 8	30.	34	17	2¼	÷ 9
3.	9	17	6	÷4	17.	25	3	0	÷ 4	31.	29	5	3½	÷ 6
4.	9	10	10¾	÷7	18.	23	6	4½	÷ 7	32.	43	0	8¼	÷11
5.	26	3	2	÷8	19.	26	19	7½	÷ 6	33.	43	1	6	÷12
6.	22	10	2	÷4	20.	27	2	5¾	÷ 5	34.	43	3	5¼	÷ 9
7.	32	8	0¼	÷5	21.	29	3	8	÷ 8	35.	38	0	5½	÷11
8.	20	10	3	÷6	22.		15	3¾	÷ 9	36.	33	5	6	÷12
9.	33	8	10	÷8	23.	23	7	11¼	÷ 7	37.	22	19	9	÷ 6
10.	11	13	7¾	÷5	24.	20	17	6	÷10	38.	92	14	4½	÷ 9
11.	13	0	0	÷9	25.	26	7	9	÷ 8	39.		12	3¾	÷ 7
12.		18	11	÷7	26.	10	19	5¾	÷ 5	40.	18	0	3	÷12
13.	20	18	1½	÷6	27.	18	7	7	÷11	41.	38	8	6½	÷10
14.	35	9	0	÷8	28.	22	0	0	÷ 6	42.	18	0	4½	÷ 9

A

1. Take £4 19s. 6d. from £15 7s. 4d. and divide the answer by eight.

2. If 18 children each eat 3 biscuits, how many will be left out of 60?

3. I want to buy five presents at 4s. 9d. each. How much money shall I need?

4. Mother's railway ticket costs £1 3s. 10d. and Mary travels half price. What will be the cost of the ticket for Mary?

5. Take 146 from 291 and multiply your answer by 12.

6. How many dozens are there in 576?

7. Add up £4 2s. 10½d., £5 19s., 16s. 8½d. and £17 1s. 10d., and take £2 3s. 11d. from your answer.

8. If 9 pairs of curtains cost £3 9s. 9d., how much is the cost of one pair?

9. There are 478 peas in one bottle, 295 in a second bottle and 349 in each of two more bottles. How many peas are there altogether?

B

1. Make 148 seven times as large.

2. 6 girls each earn £1 15s. 6d. per week. How much do they earn altogether?

3. Find a quarter of £4 7s. 6d.

4. If there are 12 inches in a foot, how many inches are there in 254 feet?

5. I spend 27 minutes each time in travelling twice a day for 7 days. How many minutes is that altogether?

6. How much more is £29 3s. 6d. than £20 15s. 10½d.?

7. How much money shall I spend altogether on a table costing £3 15s. 9d. and 3 pictures at 7s. 9d. each?

8. Divide 1496 by 8 and multiply the answer by 3.

9. If half a dozen yards of cloth costs £1 2s. 6d., how much will one yard cost?

A		B
1. $9\frac{1}{2}$d. $+6$d. $=$		1. Take nineteen from twenty-five.
2. 17×6 $=$		2. How many legs have 15 dogs?
3. 2s. 4d. $\div 4$ $=$		3. Add one half of twelve to twenty.
4. $72 - 50$ $=$		4. Take 6 pence from 2 shillings.
5. $7\frac{1}{4}$d. $\times 2$ $=$		5. Take 14 shillings from £1.
6. 7 halfpennies $=$		6. 5 lb. apples at 4d. per lb.
7. $91 \div 7$ $=$		7. If there are six panes of glass in a window, how many are there in 12 windows?
8. 11d. $-3\frac{1}{2}$d. $=$		
9. 2 dozen $=$		8. Find the cost of 12 penny stamps and two halfpenny ones.
10. 5 sixpences $=$		

PROBLEMS

1. If I buy an armchair for £7 12s. 6d. and two cushions for 6s. 9d. each, how much money do I spend?

2. Divide 522 by 9 and multiply your answer by 4.

3. Tom has £1 16s. 5d. in his money box, but John only has 18s. 7d. How much more money has Tom than John?

4. If there are 145 slates on the roof of a house, how many will there be on 6 roofs?

5. Mother spends 2s. $1\frac{1}{2}$d. on groceries, 1s. $4\frac{1}{2}$d. on vegetables, 4s. 6d. on meat and still has 14s. 7d. left. How much had she at first?

6. Add 326, 198, 75 and 270 and take your answer from 901.

7. 8 people go on a railway journey, and each pays £1 17s. 10d. for a ticket. How much do they pay altogether?

8. Divide £29 8s. 6d. into 11 equal parts.

9. What is the total amount if I add together £23 16s. $3\frac{1}{2}$d., £49 15s. and 2s. $9\frac{1}{2}$d.?

10. Find one half of 768.

11. 684 apple trees are planted in rows of nine. How many rows are there altogether?

12. Multiply £1 17s. $8\frac{1}{2}$d. by 6 and add the answer to £7 14s. 8d.

13. If there are 225 rounds of knitting in a sock, how many rounds will there be in four pairs?

14. If a milkman leaves a bottle of milk at 53 houses every day for a week, how many bottles will he leave altogether?

A		B
1. $4\frac{3}{4}$d. $\times 2$ $=$		1. How many oranges will be left out of 2 dozen if 20 are eaten?
2. 1s. 3d. $+8\frac{1}{2}$d. $=$		
3. $112 \div 7$ $=$		2. How many pence are there in 2s. 5d.?
4. $84 - 34$ $=$		3. What would 9 oranges cost at 2d. each?
5. $12 + 12 + 24$ $=$		4. Add together seven and seventeen.
6. $\frac{1}{2}$ of 1s. 6d. $=$		5. Take £1 from 1 guinea.
7. 9d. $-7\frac{1}{2}$d. $=$		6. How many times can I take 3 boxes of matches from 60 boxes?
8. 32 pence $=$		
9. 23×8 $=$		7. 5 pence $+5$ farthings.
10. Bring 1s. 7d. to pence.		8. Take 35 from 42.

PROBLEMS

1. Multiply 95 by 7 and take your answer from 850.

2. I have a 10s. note. If I give my sister 3s. $4\frac{1}{2}$d., one brother 1s. $4\frac{1}{2}$d. and a second brother half a crown, how much have I left for myself?

3. There are 60 beads on a necklace. If 20 are red, 15 are blue and the rest are orange, how many are orange?

4. How many times will twelve go into 876?

5. Find the difference between £2 16s. 3d. and £14 19s. 1d.

6. How much change shall I have out of £1 after buying 3 pairs of socks at 3s. 11d. per pair?

7. Take 359 from 540 and multiply your answer by 4.

8. If seven small tables cost £9 0s. 3d. altogether, how much is that for one only?

9. Add together £14 5s. 9d., 6s. $7\frac{3}{4}$d. and £141 12s. $11\frac{1}{2}$d.

10. There are 23 boys and 19 girls in a class. If each child has two pencils, how many have they altogether?

11. Share 475 cigarette cards equally between 5 boys.

12. Mother gave me 7s. 6d. to spend. I bought a toy engine for 2s. 9d. and a truck for $10\frac{1}{2}$d. and spent the rest of the money on rails. How much were the rails?

13. Add sixty-three, nineteen, 567 and twenty-eight.

14. If there are 47 building bricks in a box, how many will there be in a dozen boxes?

A

1.	256 × 23	15.	274 × 81	29.	316 × 32
2.	632 × 35	16.	657 × 58	30.	532 × 84
3.	295 × 46	17.	629 × 71	31.	647 × 12
4.	728 × 63	18.	104 × 20	32.	205 × 37
5.	319 × 53	19.	340 × 27	33.	786 × 78
6.	238 × 46	20.	739 × 12	34.	908 × 39
7.	427 × 34	21.	621 × 48	35.	459 × 90
8.	278 × 69	22.	545 × 64	36.	780 × 58
9.	519 × 59	23.	827 × 66	37.	939 × 12
10.	548 × 72	24.	549 × 40	38.	487 × 28
11.	199 × 43	25.	307 × 56	39.	693 × 77
12.	539 × 68	26.	368 × 45	40.	919 × 87
13.	467 × 59	27.	423 × 37	41.	477 × 19
14.	348 × 76	28.	276 × 51	42.	736 × 84

B

1.	1584 × 72	15.	1093 × 90	29.	6071 × 127
2.	6071 × 27	16.	1268 × 99	30.	1548 × 823
3.	1506 × 35	17.	1384 × 324	31.	426 × 426
4.	1359 × 77	18.	1287 × 528	32.	3087 × 690
5.	1257 × 26	19.	1458 × 236	33.	3654 × 270
6.	2199 × 43	20.	1347 × 435	34.	829 × 665
7.	1524 × 53	21.	1392 × 447	35.	1568 × 843
8.	2137 × 11	22.	1509 × 278	36.	1273 × 522
9.	1474 × 38	23.	1408 × 267	37.	1364 × 714
10.	1075 × 80	24.	5874 × 273	38.	3129 × 703
11.	1436 × 56	25.	916 × 884	39.	647 × 934
12.	1859 × 27	26.	1423 × 804	40.	2508 × 12
13.	1607 × 12	27.	1637 × 742	41.	3174 × 490
14.	2763 × 36	28.	2196 × 572	42.	1467 × 188

A

1. 26×20 =
2. 31×70 =
3. $14 + 53 + 81$ =
4. 37×30 =
5. $366 \div 6$ =
6. 24×40 =
7. $95 - 60$ =
8. 23×8 =
9. $88 - 36$ =
10. $252 \div 7$ =

B

1. 3 books at 8d. each.
2. How much will be left out of a shilling after spending 5d.?
3. Add one score and six.
4. Find the cost of 1 dozen stamps at 1d. each.
5. Take 54 from 69.
6. What are 37 pence?
7. Take 2s. from half a crown.
8. Find a half of sixpence.
9. What are 19 farthings?

PROBLEMS

1. There are 126 stitches in a row of knitting. How many stitches will there be in 49 rows?
2. Make 3679 twenty times as big.
3. Find the difference between 126 and 37.
4. If a case contains 475 eggs, how many eggs will there be in 63 cases?
5. A girl takes 273 steps in walking to school. If she does the journey 95 times, how many steps will she take?
6. Make 1258 seventy-three times as big.
7. What must I add to £1 2s. 6d. to make £5?
8. How many ounces are there in 256 pounds (16 oz. = 1 lb.)?
9. A book contains 324 pages. If there are 296 words on a page, how many are there in the book?
10. Find the sum of 1907 and 209.
11. There are 1760 yards in a mile. How many yards will there be in 145 miles?
12. Make one thousand two hundred and seventy-six 320 times as big.
13. If one box holds 2814 sweets, how many will there be in 507 boxes?
14. Add together 53, 192 and 764 and multiply the answer by 45.
15. By how much is 1274 greater than 137?
16. If there are 480 sheets in a ream of paper, how many sheets are there in 307 reams?

A

1.	679 ÷ 21	15.	748 ÷ 22	29.	8594 ÷ 24
2.	599 ÷ 21	16.	195 ÷ 42	30.	4638 ÷ 34
3.	579 ÷ 31	17.	4977 ÷ 21	31.	7565 ÷ 24
4.	745 ÷ 23	18.	8937 ÷ 21	32.	9270 ÷ 34
5.	725 ÷ 32	19.	8729 ÷ 21	33.	1924 ÷ 22
6.	367 ÷ 22	20.	7256 ÷ 21	34.	3725 ÷ 42
7.	819 ÷ 24	21.	5985 ÷ 31	35.	4598 ÷ 22
8.	851 ÷ 34	22.	7894 ÷ 23	36.	1845 ÷ 42
9.	986 ÷ 21	23.	3979 ÷ 31	37.	7195 ÷ 35
10.	785 ÷ 31	24.	3994 ÷ 8	38.	5929 ÷ 43
11.	924 ÷ 35	25.	7719 ÷ 32	39.	9170 ÷ 35
12.	795 ÷ 43	26.	6336 ÷ 22	40.	6498 ÷ 43
13.	679 ÷ 22	27.	6894 ÷ 32	41.	1472 ÷ 11
14.	656 ÷ 41	28.	7454 ÷ 22	42.	2643 ÷ 43

B

1.	4829 ÷ 23	15.	26400 ÷ 22	29.	6728 ÷ 16
2.	9073 ÷ 42	16.	3624 ÷ 28	30.	4002 ÷ 24
3.	7245 ÷ 25	17.	20822 ÷ 24	31.	25629 ÷ 28
4.	1929 ÷ 34	18.	72840 ÷ 52	32.	7136 ÷ 9
5.	7295 ÷ 36	19.	7294 ÷ 21	33.	39281 ÷ 12
6.	9298 ÷ 37	20.	17850 ÷ 24	34.	18720 ÷ 34
7.	2739 ÷ 26	21.	9583 ÷ 27	35.	4806 ÷ 27
8.	8475 ÷ 35	22.	17932 ÷ 52	36.	19784 ÷ 31
9.	9109 ÷ 56	23.	2948 ÷ 22	37.	7099 ÷ 28
10.	3728 ÷ 26	24.	41026 ÷ 72	38.	29964 ÷ 28
11.	5964 ÷ 67	25.	3976 ÷ 28	39.	7285 ÷ 24
12.	29765 ÷ 34	26.	8398 ÷ 29	40.	9178 ÷ 28
13.	12961 ÷ 63	27.	39721 ÷ 42	41.	9059 ÷ 21
14.	2620 ÷ 16	28.	7938 ÷ 28	42.	10981 ÷ 31

A

1. 56 pence   =
2. 8 dozen   =
3. 17 farthings   =
4. 2 guineas   =
5. 17+25+38   =
6. 27×400   =
7. 288÷9   =
8. 31 pence   =
9. 11×11   =
10. 1s. 9d. — 1s. 2½d. =

B

1. How many nines are there in 72?
2. What is the price of a dozen oranges at 2d. each?
3. Find the difference between 35 and 17.
4. What will 30 penny buns cost?
5. Find the cost of 7 toys at 5d. each.
6. What change shall I have from a shilling after buying a 9½d. cake?
7. Multiply sixteen by seven.
8. How many dozens are there in 96?

PROBLEMS

1. If 21 baskets of the same size contain altogether 6825 apples, how many are there in one only?
2. What will be left after dividing 3975 by 23?
3. Divide 432 nuts equally among 7 boys and 5 girls.
4. Find the product of 31 and 485.
5. If two dozen similar boxes hold altogether 456 chocolates, how many are there in one box only?
6. If there are 22 biscuits in a packet, how many packets can be filled from 6710 biscuits?
7. Find the sum of 126, 3009 and 87.
8. How many times will 32 go into 13408?
9. A farmer is sending 2352 eggs to market in boxes. If he is packing 3½ dozen eggs in each box, how many boxes will he need?
10. If twenty-seven children share 1971 marbles equally among them, how many will each one receive?
11. Divide 7209 by 3 dozen.
12. Add together 327, 1095 and 2750.
13. Divide one thousand and seventy-seven by forty-three.
14. Divide the difference between 2953 and 7300 by 26.
15. Divide 896 by 32 and multiply your answer by 8.
16. Find a thirty-fifth part of 10780.

A

1. Add together £3 12s. 10½d., £9 4s. 5d. and £2 2s. 6d.
2. How many buns will be left out of 1680 if 69 are sold?
3. How many times will 21 go into 8925?
4. Divide £2 18s. 8d. into four equal parts.
5. If one chair costs £1 5s. 9d., what will 7 chairs cost?
6. Find the sum of £4 6s. 1½d., £2 14s. 10¼d., £3 7s. 2½d. and £4 6s. 9d.
7. Share £14 5s. 9d. equally among 6 people.
8. Take 1295 from 7038.
9. If the railway fare to Birmingham is £1 3s. 6d., what will be the fare for 8 people?
10. If there are 356 books on a shelf, how many books will there be on 68 shelves?
11. Find the difference between £3 12s. 7½d. and £50.

B

1. If a farmer bought 11 sheep at £2 6s. 6d. each, what did he pay for them altogether?
2. Make 1792 seventy-three times as large.
3. A bag contains 3956 marbles. Share these equally among 23 boys.
4. Take 7 times 135 from 1000.
5. If I pay the baker 4s. 5¼d., and the butcher 9s. 2¼d., how much change shall I have out of £1?
6. Add 3 dozen, a score and 519.
7. Divide 531 by 9 and add 207 to the answer.
8. Find ¼ of £2 6s. 0d.
9. If a milkman delivers 149 bottles of milk a day, how many will he deliver in a week?
10. If there are 16 boys in one row, how many boys will there be in 127 such rows?
11. If I buy a hat for 8s. 9d. and a pair of gloves for 6s. 11d., how much shall I have left out of £2?

1. Add fifty-three, six hundred and twenty-one, and ninety-nine.
2. Add twenty-nine, one hundred and five, and fifteen.
3. From five hundred and twenty-three take three hundred and nine.
4. Divide six hundred and seventy-two by twenty-four.
5. Multiply three hundred and twenty-seven by sixty-three.
6. Add together one hundred and six, two hundred and seven, and eighty-four.
7. Multiply five thousand two hundred and ninety by seven.
8. Find the sum of twenty-six, three hundred and eighty-nine, and one thousand four hundred and sixty.
9. Add four thousand six hundred and four to seven thousand three hundred and eighteen.
10. Take thirty-four from one thousand and eight.
11. Divide three thousand five hundred by eight.
12. Find the difference between three thousand seven hundred and six and one thousand eight hundred and eight.
13. From five thousand three hundred and thirty take nine hundred and twenty-three.
14. Add up four thousand, twenty-seven, and one thousand three hundred and twenty.
15. Multiply one thousand two hundred and sixteen by seventy-one.
16. Write down in figures twenty-three thousand and five.
17. What must be added to three thousand two hundred and seventy-four to make four thousand?
18. Find the sum of seventeen thousand seven hundred and four and two thousand three hundred and eighteen.
19. Divide twenty thousand five hundred and ninety by five.
20. From twenty thousand six hundred take seventeen thousand and sixty-three.
21. Multiply one thousand and nine by eight hundred and sixteen.
22. How many times will forty-three go into twenty-five thousand nine hundred and seven?

A

	£	s.	d.			£	s.	d.			£	s.	d.	
1.	1	2	6	×22	15.	6	8	2¼	×11	29.	4	6	10	×16
2.	3	4	2	×32	16.	4	3	11½	×32	30.	9	1	9	×41
3.	2	5	4	×24	17.	2	6	2½	×21	31.		18	6½	×25
4.	4	3	5	×25	18.	3	4	3¼	×12	32.	1	7	4	×20
5.	2	7	3	×34	19.	5	5	8½	×35	33.	14	2	5	×34
6.	3	5	7	×21	20.		14	2¾	×32	34.	23	7	4	×32
7.	2	5	6	×23	21.	7	3	4¼	×41	35.	24	3	8¼	×32
8.	1	4	9	×31	22.	8	7	5¾	×26	36.	25	4	6½	×25
9.	3	8	4	×24	23.	3	9	2½	×35	37.	6	5	9¾	×37
10.	7	2	8	×32	24.	1	12	7	×28	38.	29	8	2½	×40
11.	4	9	7	×43	25.	8	4	6¾	×42	39.	28	7	3¼	×36
12.	1	6	10	×21	26.	2	7	1½	×23	40.	36	5	6¾	×43
13.	6	9	8	×25	27.	3	5	9	×18	41.	18	2	6½	×28
14.	5	1	9	×34	28.	5	2	7¼	×31	42.	25	4	7	×34

B

	£	s.	d.			£	s.	d.			£	s.	d.	
1.	24	13	2½	×21	15.	35	14	8¼	×16	29.	21	15	11½	×37
2.	23	14	9¼	×36	16.	4	5	11½	×47	30.		18	4½	×84
3.	36	16	8½	×9	17.	24	15	3	×35	31.	25	14	6	×72
4.	27	15	10¼	×32	18.		16	9¼	×29	32.	32	15	0	×20
5.	36	16	9½	×46	19.	38	12	7¾	×64	33.		16	0½	×78
6.	29	7	8	×37	20.	29	17	6	×73	34.	4	0	0¼	×39
7.	15	14	2¼	×23	21.	83	18	0½	×8	35.	62	11	0¾	×85
8.	7	18	9¾	×32	22.	13	11	11	×76	36.	38	19	11½	×62
9.	21	15	3	×34	23.	33	8	11¾	×84	37.	56	14	7¼	×39
10.	3	19	7½	×25	24.		17	11½	×46	38.	46	0	0½	×11
11.	32	8	4	×46	25.	7	16	11	×52	39.	24	18	6¼	×54
12.	9	17	11¼	×12	26.	31	6	10¾	×43	40.	25	16	3¾	×52
13.	24	6	10	×31	27.	2	10	9	×42	41.		19	6¾	×37
14.	16	12	2	×54	28.	24	16	11¾	×32	42.	15	6	11¼	×50

A

1. 34 score =
2. 1 dozen eggs at 2¼d. =
3. 453 − 120 =
4. 97 × 60 =
5. 5 guineas =
6. 33 farthings =
7. 94 pence =
8. 3 dozen =
9. 27 + 63 + 40 =
10. Find ¼ of 172

B

1. What shall I pay for 32 penny buns?
2. If I spend 1s. 3d. out of half a crown, how much have I left?
3. Write down in figures two thousand and twenty-five.
4. What number is equal to 1½ dozen?
5. Add 35 to twenty-five.
6. 20 toys at ½d. each.
7. 2 cakes at 3½d. each.
8. ½ lb. cake at 1s. 4d. per lb.

PROBLEMS

1. Find the cost of 23 chairs at £1 15s. 9d. each.
2. What will be paid for 31 hats if each one is worth £2 7s. 6d.?
3. 34 rolls of paper are needed to paper a house. If the paper is 2s. 9d. per roll, how much will it cost?
4. If one pair of shoes costs 15s. 11d., what will 25 pairs cost?
5. The railway fare to Brighton is 7s. 6d. If 58 people travel on the train, how much do they pay in fares altogether?
6. A man had £50. He gave away £3 6s. 8d. What had he left?
7. If one knife costs 1s. 8½d. what will 52 knives cost?
8. If a boy earns £3 6s. 4d. per week, how much will he earn in a year?
9. I buy 2 dozen cakes at 2s. 4½d. each for a party. How much money do I spend?
10. From the sum of £26 6s. 2d. and £13 6s. 8d. take £10.
11. How much shall I pay for 27 yards of casement cloth at 1s. 6¾d. per yard?
12. A dealer buys 3 dozen tables at £3 16s. 6d. each. How much do they cost him?
13. How much money would be needed to give each of 24 people £2 16s. 3½d.?
14. Father has £3 6s. 8½d. and mother has 14s. 6d. less than father. How much has mother?
15. Make £3 18s. 9d. 42 times as large.
16. How much are 32 bicycles worth at £9 19s. 3d. each?

A

1. If a farmer buys 23 geese at £3 5s. 6d. each, how much does he pay for them altogether?
2. Find the price of 2 dozen rugs at £3 16s. 9d. each.
3. If I buy 5 cushions at 6s. 11d. each, how much change shall I have out of £5?
4. Find the price of 15 cwt. of potatoes at £2 9s. 6d. per cwt.
5. If my gas bill is 14s. 8d. per month, how much is that for a year?
6. Make 1067 a dozen times as big.
7. If a hat costs 19s. 11d., what would 40 hats cost?
8. Find the cost of 3 dozen chairs at £1 2s. 6d. each.
9. Multiply 6s. 7½d. by 32 and add £5 to your answer.
10. Add together £1 9s. 3½d. and £4 12s. 6d. and multiply your answer by 32.
11. If my rent is 18s. 9d. per week, how much shall I pay in a year?

B

1. Share 2438 marbles equally among 23 boys.
2. Multiply £5 16s. 4½d. by 3½ dozen.
3. There are 7 yards of silk in a dress. If the silk costs 12s. 9d. per yard, what will be the cost of the dress?
4. Take 17 times £2 6s. 9½d. from £54 16s. 9d.
5. 28 yards of carpet are needed for a flight of stairs. If the carpet costs 8s. 11d. per yard, how much money will be spent?
6. What change shall I have from £10 after spending £1 6s. 8d., 3s. 11½d. and £4 6s. 3¼d.?
7. What change should I have out of £2 after buying 21 cakes at 1s. 3d. each?
8. A shopkeeper took £36 14s. 2d. in one month. What would be his takings in a year if he took the same amount each month?
9. A man sold a piano for £30 2s. 6d. How much would he receive for 27 such pianos?
10. Find the cost of 3 score dresses at £2 19s. 6d. each.
11. £126 13s. 6d.+17s. 2½d.+£100+19s. 8¼d.

A

Find the cost of

1. 2 lemons at 4d. each.
   3 bunches watercress at 3d. each.
   2 oranges at 2d. each.

2. 2 cups at 5d. each.
   3 saucers at 3d. each.
   2 plates at 7d. each.

3. 2 cabbages at 3d. each.
   2 lb. potatoes at 1¼d. per lb.
   2 marrows at 4d. each.

4. ¼ lb. sugar at 8d. per lb.
   3 thimbles at 1¾d. each.
   2 eggs at 4d. each.

5. 2 lb. soda at 1½d. per lb.
   ½ pt. vinegar at 3d. per pint.
   4 candles at ¾d. each.

6. 2 yd. ribbon at 5¾d. per yd.
   3 reels cotton at 3d. each.
   ½ yd. silk at 2s. 6d. per yd.

7. 2 small loaves at 3½d. each.
   4 cakes at 3d. each.
   ¼ lb. suet at 8d. per lb.

8. ¼ lb. butter at 3s. per lb.
   ½ lb. apples at 1s. 2d. per lb.
   5 nutmegs at 1½d. each.

9. 1 teapot at 2s. 9d.
   2 bowls at 1s. 10d. each.
   2 jugs at 5½d. each.

B

Find the cost of

1. 2 lb. onions at 5d. per lb.
   ½ lb. sugar at 8d. per lb.
   1 lb. biscuits at 1s. 4d. per lb.

2. 3 tins polish at 3½d. per tin.
   2 lb. soda at 3d. per lb.
   2 cakes at 6d. each.

3. 2 lb. potatoes at 2¼d. per lb.
   ½ lb. cake at 10d. per lb.
   5 penny buns.

4. 5 cheeselets at 2d. each.
   2 lb. lard at 11d. per lb.
   ½ lb. margarine at 1s. per lb.

5. 3 lb. carrots at 2½d. per lb.
   ½ lb. plums at 10d. per lb.
   3 eggs at 2¼d. each.

6. 2 quires paper at 9d. per quire.
   2 packets envelopes at 3½d. per packet.
   4 three-halfpenny stamps.

7. 3 lb. damsons at 4d. per lb.
   5 oranges at 1¼d. each.
   2 boxes figs at 7d. per box.

8. 2 lb. cake at 11d. per lb.
   ½ lb. biscuits at 1s. 6d. per lb.
   3 small loaves at 3¼d. each.

9. 1 bowl at 2s. 6d.
   3 bulbs at 5d. each.
   2 lb. fibre at 2½d. per lb.

More sums on pages 31 and 57

2B

Reduce to pence

	£	s.	d.
1.		18	9
2.		16	10
3.	1	2	4
4.	3	9	4
5.	4	2	8
6.	3	7	2
7.	2	12	7
8.	6	3	9
9.	5	4	7
10.	8	17	4
11.	3	14	10
12.		19	3

Reduce to farthings

	£	s.	d.
13.		15	6¼
14.		14	8½
15.	2	6	7¾
16.	3	15	1¼
17.	2	5	9¾
18.	2	7	4½
19.	7	3	10¼
20.	5	15	7½
21.	4	16	11
22.	3	9	8½
23.	6	1	10¾
24.		18	6¼

Reduce to halfpence

	£	s.	d.
25.		14	6½
26.		19	10½
27.		16	11
28.	1	3	6½
29.	2	6	7½
30.	4	14	6½
31.	8	3	10½
32.	6	17	1
33.	9	2	8
34.	5	4	9½
35.	7	0	11½
36.	2	19	7

Reduce to twopences

	£	s.	d.
1.		16	8
2.		19	4
3.	6	14	4
4.	9	3	10
5.	8	17	6
6.	7	15	10
7.	9	16	0

Reduce to three-halfpences

	£	s.	d.
15.		16	4½
16.		7	3 6
17.		15 2	9
18.		18 2	3
19.	14	1	10½
20.		3	7 0
21.		5 19	1½

Reduce to sixpences

	£	s.	d.
29.	2	6	6
30.	15	2	6
31.	12	16	0
32.	9	10	6

Reduce to half-crowns

	£	s.	d.
33.		7	12 6
34.		18	7 6
35.	24	10	0
36.	53	17	6

Reduce to threepences

	£	s.	d.
8.		18	9
9.		15	6
10.	3	6	3
11.	9	12	9
12.	3	19	3
13.	14	2	3
14.	12	7	6

Reduce to fourpences

	£	s.	d.
22.		18	8
23.		3	6 4
24.		17	4
25.		9	17 8
26.	16	2	4
27.	18	14	4
28.	15	16	0

Reduce to florins

	£	s.	d.
37.	9	8	0
38.	17	14	0
39.	30	18	0
40.	27	16	0
41.	47	6	0

A

1. How many penny stamps will cost £5 6s. 3d.?
2. How many halfpence are there in £4 17s. 2½d.?
3. Bring £3 19s. 2¼d. to farthings.
4. If I spend £2 6s. 9½d. on halfpenny nibs, how many can I buy?
5. How many farthing marbles are worth £7 1s. 10¾d.?
6. How many farthing toffees can I buy with 16s. 4d.?
7. A woman spent 16s. 9d. on threepenny buns. How many did she buy?
8. Add together £3 19s. 4d. and £5 2s. 6½d. and bring the answer to halfpence.
9. How many children can each receive 2d. out of £3 15s. 6d.?
10. How many penny stamps can be bought with £1 10s. 6d.?
11. If I spend £1 12s. 8d. on twopenny stamps, how many do I buy?
12. How many yards of ribbon at 3d. per yard will cost £3 18s. 9d.?

B

1. How many people paid 4d. to see a football match if £14 0s. 8d. was taken at the gate?
2. Reduce £2 6s. 8d. to halfpence.
3. If wire is 4d. per yard, how many yards can be bought with £4 17s. 4d.?
4. Take £4 17s. 3d. from £12 2s. 9d. and bring your answer to three-halfpences.
5. If a box contains £9 14s. 6d. in sixpences, how many are there in it?
6. How many penny bars of chocolate will cost £2 8s. 10d.?
7. Find the number of halfpence which I get for £5 0s. 2½d.
8. A railway ticket costs 1½d. per mile. How many miles can I travel if my ticket costs £2 6s. 7½d.?
9. If a girl collects £6 2s. 9d. for a trayful of 3d. flags, how many flags were there on the tray?
10. If a bun costs 2d., how many buns will cost £6 18s. 6d.?
11. How many half-crown books will cost £19 5s.?
12. Bring the difference between £12 6s. and £4 18s. 4d. to fourpences.

A

Bring to £ s. d.

1. 417 pence
2. 398 ,,
3. 219 ,,
4. 379 ,,
5. 278 ,,
6. 436 ,,
7. 710 ,,
8. 1629 ,,
9. 2917 ,,
10. 3063 ,,
11. 4150 ,,
12. 2088 ,,
13. 4326 ,,
14. 3647 ,,
15. 8928 ,,
16. 7326 ,,

B

Bring to £ s. d.

1. 519 farthings
2. 299 ,,
3. 314 ,,
4. 264 ,,
5. 372 ,,
6. 587 ,,
7. 4093 ,,
8. 2315 ,,
9. 1309 ,,
10. 3452 ,,
11. 1719 ,,
12. 3126 ,,
13. 4937 ,,
14. 4015 ,,
15. 6402 ,,
16. 5000 ,,

C

Bring to £ s. d.

1. 317 halfpence
2. 695 ,,
3. 285 ,,
4. 991 ,,
5. 246 ,,
6. 368 ,,
7. 496 ,,
8. 1569 ,,
9. 2357 ,,
10. 1019 ,,
11. 6172 ,,
12. 1236 ,,
13. 4037 ,,
14. 3008 ,,
15. 7000 ,,
16. 8000 ,,

D

Bring to £ s. d.

1. 79 twopences
2. 117 ,,
3. 914 ,,
4. 308 ,,
5. 246 ,,
6. 347 ,,
7. 1810 ,,
8. 3000 ,,
9. 69 threepences
10. 194 ,,
11. 217 ,,
12. 509 ,,
13. 488 ,,
14. 3672 ,,
15. 9000 ,,
16. 4018 ,,

E

Bring to £ s. d.

1. 47 fourpences
2. 59 ,,
3. 143 ,,
4. 257 ,,
5. 369 ,,
6. 6234 ,,
7. 4000 ,,
8. 5001 ,,
9. 97 three-halfpences
10. 135 ,,
11. 378 ,,
12. 209 ,,
13. 268 ,,
14. 4824 ,,
15. 7208 ,,
16. 9101 ,,

F

Bring to £ s. d.

1. 29 sixpences
2. 153 ,,
3. 205 ,,
4. 366 ,,
5. 4236 ,,
6. 67 half-crowns
7. 129 ,,
8. 371 ,,
9. 7000 ,,
10. 1688 ,,
11. 3519 ,,
12. 2711 ,,
13. 161 florins
14. 185 ,,
15. 237 ,,
16. 3726 ,,

A

1. Find the cost of 391 penny stamps.
2. What is the value of 810 pence?
3. What would be the price of 739 penny bars of chocolate?
4. If a boy saves 397 farthings, how much money has he?
5. Take 265 farthings from £1.
6. There are 120 halfpenny stamps on a sheet. How much money do they cost?
7. If the collector takes 257 pennies out of the gas meter, how much money is that in £ s. d.?
8. Bring 429 halfpence to shillings and pence and add the answer to 16s. 7½d.
9. If a shopkeeper sells 195 twopenny Christmas cards, how much money does he take?
10. 149 children pay a penny fare on a tram. How much money has the conductor collected?
11. Find the cost of 180 paper caps at 2d. each.
12. If I put a three-halfpenny stamp on each of 35 Christmas cards, how much will they cost me?

B

1. Change two hundred and fifty-five twopences into £ s. d.
2. Fred opens his money-box at Christmas and finds 69 threepenny pieces. How much money has he?
3. If a newsagent sells 194 magazines at 4d. each, how much money does he take?
4. What will be the cost of 1236 halfpenny buns?
5. Find the cost of 3½ dozen boxes of matches at 2d. per box.
6. What is the value of 250 three-halfpenny stamps?
7. There are 1127 children in a school. If each one has a penny table book, how much did these books cost altogether?
8. Find the value of a thousand sixpenny books.
9. How much will 2337 halfpenny stamps cost?
10. What sum of money will be required to purchase 279 sixpenny savings stamps?
11. A man bought two thousand books, each costing half a crown. What did he pay for them?
12. If Mary saves 3d. a week, how much will she save in a year?

A

1. 57×900 =
2. 43 farthings =
3. 172 pence =
4. $4 + 104 - 2$ =
5. $3\frac{1}{2}$d. $\times 5$ =
6. 56 pence =
7. £1 — 18s. 6d. =
8. 2s. 6d. + 3s. $4\frac{1}{2}$d. =
9. $280 \div 20$ =
10. 11×12 =

B

1. How many 1d. buns can I buy with 7s. 3d.?
2. Take 1s. 4d. from a florin.
3. 1 dozen toys at $5\frac{1}{2}$d. each.
4. How many marbles are there in half a gross?
5. Find the cost of 27 twopenny toys.
6. $\frac{1}{4}$ lb. bacon at 2s. per lb.
7. 14 newspapers at $1\frac{1}{2}$d. each.
8. How many 3d.'s are there in 4s. 9d.?
9. Find the cost of 7 half-crown books.

PROBLEMS

1. Find the value of 1329 pence.
2. What number of threepenny books is worth £5 10s. 9d.?
3. To how many boys can I give 6d. out of 4 guineas?
4. How many fourpences are there in £5 10s. 8d.?
5. How many pennies are there in a gas meter if the collector takes out £1 17s. 7d.?
6. Take £1 12s. 9d. from 5 guineas and bring the answer to threepences.
7. Reduce $3\frac{1}{2}$ guineas to twopences.
8. Find the cost of a gross bars of soap at 4d. each.
9. Take 75 half-crowns from £10.
10. Find the value of 672 pence.
11. What will 5 score toys cost at twopence each?
12. Find the sum of £2 6s. and 2 guineas and bring your answer to half-pence.
13. Tom has 73 sixpences and his sister has £1 14s. 9d. How much money have they together?
14. Take 395 three-halfpences from £10.
15. If there are 157 pennies and 97 sixpences in a bag, how much money is that altogether?
16. Find a quarter of £12 10s. and bring your answer to half-crowns.
17. How much money is left if you take 500 pence from £5?
18. Find the total cost of 91 halfpenny buns and 116 penny cakes.

A

1. Divide 1945 by 5 and add the answer to 317.
2. How many half-crowns are worth £739 17s. 6d.?
3. From seventeen thousand and seventeen, take nine thousand nine hundred and ninety.
4. Add 2 gross, 3 score, and 9 dozen.
5. A large omnibus has six wheels and a small one has four wheels. How many wheels are there altogether on 9 large omnibuses and 7 small ones?
6. How many threepences are there in ten guineas?
7. Multiply one thousand and ninety-nine by four hundred and sixty-eight.
8. How many boxes each containing 42 eggs can be packed from a case containing 1974 eggs?
9. Divide £17 2s. 6d. by 8.
10. Share 7775 marbles equally among 17 boys and 8 girls.

B

1. Make £21 17s. $11\frac{1}{4}$d. 34 times as big.
2. Find a quarter of two thousand five hundred.
3. Find the sum of £9 16s. 4d., 17s. $3\frac{1}{2}$d. and £1 11s. 6d., and take your answer from £100.
4. Find the difference between the cost of 93 toy soldiers at 2d. each and 47 larger ones at 3d. each.
5. How much money shall I want to give 306 boys a penny each?
6. If there are 108 seats in a row, how many people can be seated in 3 dozen rows?
7. Find the total cost of 3 dozen penknives at 1s. 3d. each.
8. Work out $\frac{1}{37}$ of 888.
9. Find the difference between £20 and 4 guineas, and bring your answer to fourpences.
10. If mother bakes 12 buns with a pound of flour, how many can she bake with 19 pounds of flour?

A

£ s. d.		£ s. d.		£ s. d.	
1. 47 11 2½ ÷21		15. 92 1 7 ÷41		29. 2 16 9½ ÷53	
2. 31 4 3 ÷22		16. 136 10 0 ÷32		30. 184 0 6¾ ÷27	
3. 69 9 11¼ ÷21		17. 162 18 4 ÷23		31. 169 8 6 ÷54	
4. 37 17 6¾ ÷31		18. 44 3 0 ÷31		32. 215 3 0 ÷52	
5. 29 19 10¾ ÷21		19. 69 5 6 ÷51		33. 168 17 9 ÷33	
6. 26 7 6¾ ÷23		20. 64 15 4 ÷20		34. 163 13 1½ ÷30	
7. 128 6 6½ ÷31		21. 106 3 7 ÷34		35. 10 1 3 ÷23	
8. 152 15 6 ÷21		22. 217 10 3¼ ÷41		36. 91 17 9 ÷52	
9. 134 7 3¾ ÷31		23. 109 14 6 ÷12		37. 253 1 9 ÷34	
10. 172 7 4 ÷32		24. 108 6 8 ÷32		38. 175 7 0 ÷24	
11. 53 5 7½ ÷22		25. 221 5 3¾ ÷51		39. 29 3 6 ÷7	
12. 89 14 7¼ ÷41		26. 196 5 1½ ÷27		40. 13 12 5¾ ÷41	
13. 27 1 6 ÷24		27. 20 1 3 ÷15		41. 452 18 4 ÷50	
14. 33 19 11¼ ÷23		28. 70 10 0 ÷40		42. 258 4 8 ÷32	

B

£ s. d.		£ s. d.		£ s. d.	
1. 476 19 2 ÷42		15. 371 16 3 ÷31		29. 16 7½ ÷34	
2. 783 15 9¼ ÷21		16. 39 12 2 ÷42		30. 835 17 10¾ ÷38	
3. 745 6 9½ ÷23		17. 199 16 3 ÷42		31. 976 17 4 ÷64	
4. 412 18 9½ ÷24		18. 517 16 3¾ ÷29		32. 576 13 1 ÷34	
5. 971 18 11½ ÷47		19. 196 14 3 ÷52		33. 395 14 0 ÷43	
6. 529 15 1½ ÷25		20. 16 7¾ ÷23		34. 600 0 0 ÷52	
7. 357 16 11¼ ÷52		21. 33 18 0 ÷18		35. 835 3 9 ÷42	
8. 554 17 11¼ ÷34		22. 719 3 9¾ ÷21		36. 899 19 8½ ÷21	
9. 59 19 1 ÷32		23. 394 5 3 ÷10		37. 460 17 0¼ ÷34	
10. 819 17 7 ÷23		24. 79 2 10½ ÷27		38. 761 5 7½ ÷51	
11. 325 4 11¼ ÷31		25. 919 2 6 ÷34		39. 624 17 8½ ÷41	
12. 719 3 7½ ÷23		26. 494 19 10¾ ÷35		40. 209 1 3 ÷9	
13. 873 19 2¼ ÷51		27. 19 18 6¾ ÷25		41. 346 15 0 ÷27	
14. 718 6 0 ÷33		28. 420 19 6 ÷52		42. 250 4 6 ÷19	

A

1. 79×800 =
2. 23 halfpence =
3. 58 shillings =
4. $72 - 37$ =
5. 3¾d. $\times 5$ =
6. $467 \div 10$ =
7. $120 \div 12$ =
8. ⅓ of 1s. 5d. =
9. 1 dozen at 2¾d. each =
10. 1 doz. at 4½d. each =

B

1. Share 1s. 8d. among 5 children.
2. If eggs are 1s. 9d. per dozen, find the cost of one.
3. From 100 take 30 and add 26.
4. Add together 29 pence and 4 farthings.
5. Find the cost of 26 half-crown dolls.
6. How many 2d.'s are there in 4s. 4d.?
7. What is the cost of 61 3d. tops?
8. ½ lb. rice at 1s. 2d. per lb.
9. Find a quarter of 4s. 8d.

PROBLEMS

1. Divide £37 18s. 8d. into 32 equal parts.
2. £91 19s. 0½d. is put into 23 bags so that each bag contains the same amount of money. How much is there in each bag?
3. Multiply £1 3s. 6½d. by 27.
4. What is the result if £296 17s. 3¾d. is divided by 21?
5. A man gives £120 9s. to be divided equally among 22 people. How much will each receive?
6. A boy has £30 9s. in the bank, while his sister only has $\frac{1}{21}$ of this amount. How much has his sister?
7. Find the product of 126 and 107.
8. Forty-two times a sum of money comes to £60 7s. 6d. What is the sum of money?
9. Add together £14 9s. 8½d. and £19 6s. 3d. and divide the answer by 31.
10. If the rent of a house is £92 6s. a year, how much is that for one week only?
11. Find $\frac{1}{42}$ of £58 5s. 6d.
12. If £95 5s. is divided equally among 30 people, find the share of one.
13. Find the sum of £2 10s. and £1 11s. 8d. and divide your answer by 24.
14. If 1 chair costs £1 17s. 9d., what will 17 chairs cost?
15. In 13 weeks a man earned £40 10s. 4d. How much did he earn in one week?
16. Divide 4 guineas equally among 16 boys.

A

1. Divide £75 6s. 3¾d. into 21 equal parts.

2. If a man paid £105 for 2 dozen gramophones, how much did each one cost?

3. Take £23 4s. 6d. from £86 19s. 11d. and divide the answer by 31.

4. Share £1 19s. 6d. equally among 6 children.

5. If £100 is divided equally among 12 men and 20 women, how much will each person receive?

6. Add together 15 guineas and £12 5s. 6d. and divide the answer by 21.

7. If the total cost of 14 pictures is £12 5s., what is the cost of one only?

8. Divide £222 15s. by 2½ dozen.

9. Divide the difference between £59 15s. and £21 10s. 6d. by 31.

10. 22 people go on the same railway journey and pay a total of £49 11s. 10d. in fares. What was the fare for each person separately?

B

1. Find the difference between £50 and £14 6s. 3d. and add £1 2s. 10½d. to your answer.

2. If a man earns £394 10s. a year, what will be his salary for one week only?

3. 14 hospitals share £764 8s. equally between them. How much does each receive?

4. What will be left if £195 18s. 6d. is divided by 52?

5. Find a thirty-fifth part of £716 18s. 9½d.

6. If a man earns £4 2s. 3d. per week, how much is that per day?

7. If 2½ score motor cycles cost £1375, what is the price of one only?

8. Find the product of 1263 and 93.

9. If a ton of coal costs £2 11s. 8d., what is the price of a hundred-weight? (20 cwts. = 1 ton.)

A

1. Find the value of 735 three-halfpences.

2. What is the product of 2193 and 109?

3. How many halfpennies are worth £17 17s. 6d.?

4. Find the sum of £43 12s. 9d., £6 17s. 1d., £5 18s. 11d. and 3s. 9d.

5. If a man leaves £3975 14s. 8d. to be shared equally among 8 hospitals, how much will each receive?

6. How many times can I take 36 from 9288?

7. Find the number of threepences contained in £27 3s. 9d.

8. What would be the cost of 20 suites of furniture at £32 15s. each?

9. If 8160 oranges are packed into 34 cases, how many will there be in each?

10. A box contains £271 12s. 6d. in half-crowns. How many coins are there in the box?

B

1. If a girl packs 3750 biscuits in a week, how many will she pack in a year?

2. Add together seventeen thousand one hundred, eight thousand and thirty-five, and one thousand two hundred and eight.

3. Multiply £1 19s. 11d. by 24.

4. Find the sum of 4 gross and 9 score.

5. Find the total cost of a rug at 15s. 6d., a chair at £2 8s. 11d. and a table at 4 guineas.

6. What change should I have left out of a pound note after buying 91 pencils at 1½d. each?

7. Find the cost of a dozen yards of silk at 4s. 11½d. per yard.

8. If 36 toys cost £1 4s. 9d., what is the cost of one?

9. If there are 14 lb. to a stone, how many stones will there be in a sack containing 504 lb.?

10. How many 1½d. stamps could I exchange for £2 5s. 6d. worth of penny ones?

A

1. 39×90 =
2. 5s. 3d. —3s. 9d. =
3. $93+20+38$ =
4. 167 pence =
5. $315-200$ =
6. 4s. 6d. ÷3 =
7. $20+16-5$ =
8. $5\frac{3}{4}$d. ×4 =
9. 6d. ×24 =
10. 3d. ×16 =

B

1. Lily has 6d. and John 2d. more than Lily. How much have they together?
2. 2 dozen articles at $3\frac{1}{2}$d. each.
3. How many 3d. toys can I buy with 4s. 9d.?
4. Find the cost of 1 yard at 1d. per inch.
5. How many twelves are there in 732?
6. 1 dozen notebooks at 1s. $4\frac{1}{2}$d. each.
7. 2 yd. of elastic at $6\frac{3}{4}$d. per yd.
8. 3 gross=
9. $6\frac{1}{4}$ dozen=

PROBLEMS

1. Find the price of 27 cwt. of potatoes at £2 9s. 6d. per cwt.
2. I pay the butcher 15s. $7\frac{1}{2}$d., the grocer 12s. $6\frac{3}{4}$d., and the greengrocer 2s. 9d. and have 14s. 9d. left. How much had I at first?
3. How many years are there in 3120 weeks?
4. If 5 gross of toys are packed into 18 cases, how many will there be in each case?
5. Find the cost of 19 coats at £2 6s. 11d. each.
6. If a score of fowls costs £8 10s., find the price of one.
7. A railway ticket costs $1\frac{1}{2}$d. per mile. How many miles can I travel for £4 17s. $4\frac{1}{2}$d.?
8. What will be left out of £5 after taking away 420 twopences?
9. What is the sum of £1 6s. $10\frac{1}{2}$d., £3 15s. $8\frac{3}{4}$d., £2 9s. 9d. and £5 16s. $7\frac{3}{4}$d.?
10. Add together 29 half-crowns and 69 three-halfpences.
11. Take 3 times £1 6s. $6\frac{3}{4}$d. from 10 guineas.
12. What is the remainder if 9317 is divided by 25?
13. A hat costs 12s. 9d. and a coat five times as much. Find the cost of the hat and coat together.
14. What sum of money is 34 times as great as 17s. $6\frac{1}{2}$d.?
15. During one year I spent 187 days in school, 25 days at the seaside, and the rest of the time at home. How many days was I at home?

A

1. Find the difference between $6\frac{1}{2}$ guineas and £5 19s. $6\frac{1}{4}$d.
2. Find the sum of one hundred and six, fourteen, one thousand and eight, and ninety-seven.
3. Find a quarter of £9 17s. 6d. and add the answer to £6 12s. 9d.
4. What is the difference between 493 three-halfpences and £4?
5. 19 men and 11 women travel in a motor coach and pay 15s. 6d. each for their fare. How much do they pay altogether?
6. How many stamps at $1\frac{1}{2}$d. each will cost £5 10s. $7\frac{1}{2}$d.?
7. How many casks of oil each containing 54 gallons can be filled from 4428 gallons?
8. Find the product of one thousand eight hundred and six and seventy-nine.
9. What is the sum of 2 half-crowns, two ten-shilling notes and four sixpences?

B

1. An airman who was 3271 feet above the ground came down to a level of 1728 feet. How far did he come down?
2. I spend £9 15s. on a table and two chairs. If the table costs £5 5s., how much does each chair cost?
3. If 23 tablecloths cost £21 11s. 3d., what is the price of one?
4. How much will it cost to buy 4 gross boxes at 2d. each?
5. Two children each save 3d. a week. How much will they save together in a year?
6. If 48 dresses cost £99 12s., what is the price of one dress?
7. Chocolate biscuits are packed in tins, each containing half a gross. How many tins will be required to contain 2592 biscuits?
8. What is the total weight of 257 cheeses each weighing 35 lb.?
9. If 219 people each pay a shilling for a ticket for a concert, how much money do they pay altogether?
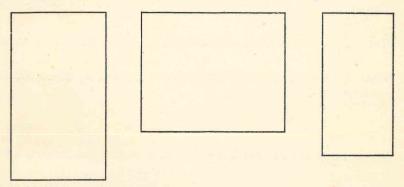
1. Measure these lines:

a ————————————————   e ————————————

b ————————————————   f ——————————

c ——————————————   g ——————————

d ——————   h ——————————

2. Draw lines with the following measurements:

     a $1\frac{1}{2}''$ b $2\frac{3}{4}''$ c $3\frac{1}{8}''$ d $2\frac{5}{8}''$ e $3\frac{7}{8}''$ f $1\frac{3}{8}''$

3. Cut out pieces of paper equal in size to the following:

4. Rule a line $1\frac{3}{4}''$ long.   Add $1\frac{1}{2}''$ to it.   Find the total length.

   ,,   ,,   ,, $2\frac{1}{2}''$,,   ,, $2\frac{1}{4}''$,,   ,,   ,,   ,,   ,,   ,,

   ,,   ,,   ,, $\frac{3}{4}''$,,   ,, $1\frac{1}{4}''$,,   ,,   ,,   ,,   ,,   ,,

   ,,   ,,   ,, $3\frac{1}{4}''$,,   ,, $\frac{1}{2}''$,,   ,,   ,,   ,,   ,,   ,,

5. Rule a line $3\frac{1}{2}''$ long.   Mark off $1\frac{3}{4}''$.   Measure the remaining length.

   ,,   ,,   ,, $4\frac{1}{4}''$,,   ,, $2\frac{3}{4}''$,,   ,,   ,,   ,,

   ,,   ,,   ,, $3\frac{3}{4}''$,,   ,, $3\frac{1}{4}''$,,   ,,   ,,   ,,

   ,,   ,,   ,, $4\frac{1}{2}''$,,   ,, $2\frac{1}{4}''$,,   ,,   ,,   ,,

6. Cut a strip of paper 3″ in length. Fold your strip in half and measure the length of each half.

Fold your strip into quarters and measure the length of each quarter.

Repeat this with strips of paper measuring 5″ and 6″ in length respectively.

Find the cost of

1. 3 lb. potatoes at $1\frac{3}{4}$d. per lb.
   2 lemons at 3d. each.
   $\frac{1}{2}$ lb. oranges at 8d. per lb.

2. $\frac{1}{2}$ dozen eggs at 3d. each.
   $\frac{1}{2}$,,   ,, $3\frac{1}{2}$d.   ,,
   $\frac{1}{2}$,,   ,,   4 d.   ,,

3. 9 bulbs at 4d. each.
   4 lb. fibre at 2d. per lb.
   3 pots at 1s. 6d. each.

4. 2 oz. cloves at $2\frac{1}{2}$d. per oz.
   $\frac{1}{2}$ lb. damsons at 5d. per lb.
   $\frac{1}{4}$ lb. peel at 10d. per lb.

5. 2 quires notepaper at 6d. per quire.
   8 stamps at $1\frac{1}{2}$d. each.
   2 packets envelopes at $6\frac{1}{2}$d. per packet.

6. 1 doz. tarts at 2d. each.
   2 cakes at $7\frac{1}{2}$d. each.
   3 small loaves at $3\frac{3}{4}$d. each.

7. 3 yd. elastic at $3\frac{3}{4}$d. per yd.
   2 buttons at 3d. each.
   $\frac{1}{2}$ yd. ribbon at 1s. 6d. per yd.

8. 3 packets chocolate at $8\frac{1}{2}$d. each.
   4 oz. sweets at 1s. 4d. per lb.
   3 boxes toffees at 9d. each.

9. 12 bulbs at 4 for 3d.
   3 bunches flowers at 8d. per bunch.
   $2\frac{1}{2}$ lb. apples at 4d. per lb.

Find the cost of

10. $\frac{3}{4}$ lb. cake at 10d. per lb.
   3 Swiss rolls at $10\frac{1}{2}$d. each.
   $1\frac{1}{2}$ lb. biscuits at 1s. 10d. per lb.

11. 1 teapot at 1s. $9\frac{1}{2}$d.
   6 cups at 4d. each.
   6 saucers at $4\frac{1}{2}$d. each.

12. 14 penny pencils.
   16 halfpenny sweets.
   24 three-halfpenny stamps.

13. 2 lb. carrots at $2\frac{1}{2}$d. per lb.
   $\frac{1}{2}$ lb. lard at 8d. per lb.
   $\frac{1}{2}$ oz. cloves at 3d. per oz.

14. $1\frac{1}{2}$ pt. milk at 7d. per pt.
   $\frac{1}{2}$ lb. lard at 1s. 1d. per lb.
   2 dozen eggs at 2d. each.

15. 8 buns at 4 for 3d.
   5 three-halfpenny stamps.
   2 nutmegs at $1\frac{3}{4}$d. each.

16. 2 lb. sago at 11d. per lb.
   8 oz. bacon at 2s. 8d. per lb.
   10 oz. lard at 1s. 4d. per lb.

17. $\frac{3}{4}$ lb. cake at 1s. per lb.
   4 small loaves at $3\frac{1}{4}$d. each.
   1 doz. halfpenny buns.

18. $1\frac{1}{2}$ lb. flour at $2\frac{1}{4}$d. per lb.
   $\frac{1}{4}$ lb. suet at 1s. per lb.
   2 lb. onions at 8d. per lb.

ADDITION (*Weights and Measures*)

A

	yd.	ft.	in.
1.	4	1	3
	5	2	6
	3	1	2
2.	3	1	9
	1	2	6
	8	0	7
3.	2	1	7
	5	1	5
	7	0	8
4.	3	2	9
	16	1	1
	8	2	7

	hr.	min.	sec.
5.	1	14	9
	3	5	18
	1	23	3
6.	2	17	24
	3	1	35
	4	15	25
7.	8	35	10
	1	24	53
	2	48	31
8.	2	43	5
	3	15	10
	2	31	23

	gall.	qt.	pt.
9.	2	1	1
	3	2	0
	5	3	1
10.	1	3	1
	17	1	1
	8	2	1
11.	5	1	0
	7	0	1
	3	3	0
12.	6	2	1
	14	3	1
	19	2	1

B

	stones	lb.	oz.
13.	1	3	9
	5	1	7
	3	4	8
14.	2	9	3
	12	6	4
	9	7	6

	qr.	lb.	oz.
15.	3	7	8
	1	12	10
	2	15	6
16.	7	4	10
	3	19	9
	4	5	7

SUBTRACTION (*Weights and Measures*)

	yd.	ft.	in.
1.	8	2	7
	1	1	9
2.	5	2	9
	3	2	10

	gal.	qt.	pt.
3.	7	3	0
	2	1	1
4.	16	2	1
	7	3	1

	qr.	lb.	oz.
9.	3	21	6
	1	25	4

	hr.	min.	sec.
5.	9	35	40
	2	50	9
6.	17	24	37
	8	36	45

	st.	lb.	oz.
7.	7	8	8
	5	3	12
8.	5	4	6
	3	10	12

	qr.	lb.	oz.
10.	2	7	9
	1	16	12

A

Mental

1.	$\frac{1}{2}$ lb.	=	oz.
2.	$\frac{1}{4}$ lb.	=	oz.
3.	$\frac{3}{4}$ lb.	=	oz.
4.	1 gal.	=	pt.
5.	$\frac{1}{2}$ gal.	=	pt.
6.	3 pt.	=	qt.
7.	$\frac{1}{2}$ yd.	=	in.
8.	$\frac{1}{4}$ yd.	=	in.

	yd.	ft.	in.			gal.	qt.	pt.
1.	2	1	5×2	9.		1	1	0×2
2.	1	1	3×2	10.		4	1	1×4
3.	2	1	4×3	11.		3	0	1×6
4.	1	0	5×4	12.		2	3	0×8
5.	3	1	2×8	13.		5	2	1×9
6.	5	2	2×7	14.		7	3	1×12
7.	3	1	7×6	15.		3	2	1×11
8.	6	2	4×12	16.		4	3	1×12

B

Mental

1.	$\frac{3}{4}$ yd.	=	in.
2.	2 ft.	=	in.
3.	3 yd.	=	ft.
4.	$\frac{1}{2}$ hr.	=	min.
5.	$\frac{1}{4}$ hr.	=	min.
6.	$\frac{3}{4}$ hr.	=	min.
7.	$\frac{1}{2}$ min.	=	sec.
8.	2 min.	=	sec.

	hr.	min.	sec.			st.	lb.	oz.
1.	9	3	2×7	9.		3	1	2×6
2.	6	2	7×6	10.		1	6	3×5
3.	3	1	10×8	11.		7	2	3×6
4.	6	11	2×9	12.		8	3	2×7
5.	5	3	7×10			qr.	lb.	oz.
6.	3	1	7×9	13.		4	1	2×9
7.	4	6	2×12	14.		3	2	2×11
8.	2	9	9×7	15.		6	4	1×8

DIVISION (*Weights and Measures*)

C

Mental

1.	14 days	=	wk.
2.	1$\frac{1}{2}$ gal.	=	pt.
3.	1 ft. 7 in.	=	in.
4.	1 gal. 3 pt.	=	pt.
5.	1 min. 30 sec.	=	sec.
6.	1 hr.—15 min.	=	min.
7.	27 in.	=	yd.
8.	8 pt.	=	gal.

	yd.	ft.	in.			gal.	qt.	pt.
1.	12	0	6÷3	9.		13	0	0÷4
2.	11	2	10÷5	10.		19	1	1÷6
3.	15	0	6÷7	11.		20	0	0÷8
4.	29	1	6÷9	12.		17	1	0÷7
5.	23	0	0÷6	13.		22	1	1÷9
6.	9	2	2÷10	14.		18	1	1÷10
7.	6	0	1÷7	15.		13	3	1÷6
8.	19	0	4÷8	16.		12	2	0÷5

D

Mental

1.	12 oz.	=	lb.
2.	1 stone	=	lb.
3.	45 min.	=	hr.
4.	18 in.	=	yd.
5.	24 in.	=	ft.
6.	8 pt.	=	qt.
7.	4 oz.	=	lb.
8.	30 min.	=	hr.

	hr.	min.	sec.			st.	lb.	oz.
1.	20	15	20÷5	9.		21	12	6÷3
2.	19	0	0÷6	10.		13	2	8÷4
3.	17	4	0÷8	11.		19	2	2÷6
4.	2	0	0÷9	12.		11	2	4÷5
5.		22	3÷7			qr.	lb.	oz.
6.	31	0	10÷10	13.		24	16	12÷4
7.	21	5	15÷5	14.		20	2	2÷6
8.	22	6	18÷3	15.		22	1	5÷7

WEIGHTS AND MEASURES

A

1. Mary weighs 5 stone 9 lb. and her brother weighs 6 stone 11 lb. What is their total weight?

2. Molly on her tiptoes can reach 5 ft. 8 in. How much short of 2 yd. is this?

3. If a milkman sells 9 gal. 2 qt. 1 pt. of milk a day, how much is that a week?

4. Find the sum of 1 hr. 3 min., 16 min. 14 sec. and 1 hr. 10 min. 10 sec.

5. 1 yd. 1 ft. 3 in. of ribbon is needed to trim a hat. How much will be needed to trim a dozen hats?

6. If I spend 2 hr. 35 min. sewing and 1 hr. 53 min. reading, how long is that altogether?

7. How many inch pieces can be cut from 4 yd.?

8. Add together 5 stone 11 lb. 4 oz. and 3 stone 7 lb. 9 oz. and take 4 stone 12 lb. from the answer.

9. A roll of ribbon measures 15 yd. 2 ft.; if 10 yd. 2 ft. 6 in. are cut off how much is left?

B

1. What is the total weight of 5 parcels each weighing 6 lb. 5 oz.

2. In one jar there was 1 gal. 1 qt., in another there was 1 qt. 1 pt. How much more was there in one jar than the other?

3. How many pints are there in 16 gallons?

4. What is the total length of 12 pieces of string each measuring 2 ft. 11 in.?

5. A shopping basket weighs 10 oz. I put in it 3 lb. of sugar, 7 lb. of potatoes and 4 lb. of sprouts. What is the total weight of the full basket?

6. Lucy measures 4 ft. 2 in. and Doris 4 ft. 4 in. What is the sum of their heights?

7. Find the difference between 1 stone 3 lb. and 2 lb. 6 oz.

8. A bath holds 26 gal. 2 qt. of water. If I let out a quarter of it, how much is gone?

9. From half a stone take 6 oz.

A

1. 3 ft. = in.
2. 48 in. = ft.
3. $1\frac{1}{4}$ yd. = in.
4. 28 lb. = stone
5. $\frac{3}{4}$ gal. = pt.
6. 5 oz. at 1s. 4d. per lb.
7. 1 yd. at 1d. per inch.
8. $\frac{1}{2}$ lb. sweets at 2d. per oz.
9. 4 pts. at 2s. per gal.
10. How many lb. in 3 stone?

B

1. Bring 15 ft. to inches.
2. How many lb. in 2 quarters?
3. How many ounces are there in $1\frac{1}{2}$ lb.?
4. How many feet in 108 inches?
5. 1 stone at 1d. per lb. will cost?
6. How many days in 28 weeks?
7. 2 oz. at 2s. 8d. per lb. will cost?
8. How many weeks in 5 years?
9. How many quarts in 17 gallons?
10. How many oz. in 1 lb. 4 oz.?

PROBLEMS

1. If 4 equal parcels weigh 1 st. 4 oz. altogether, find the weight of one only.

2. A curtain measures 2 yd. 1 ft. 6 in.; how much material will be necessary for 8 curtains?

3. Find $\frac{1}{5}$ of 21 hr. 15 min. 30 sec.

4. A sack of flour weighs $6\frac{1}{2}$ stone; what is the weight of 9 such sacks?

5. I have a piece of material which measures 7 yd. If I cut off 3 yd. 9 in., how much is left?

6. A train should take 3 hr. 55 min. for a journey but is 23 minutes late. How long does the journey actually take?

7. A jar weighs 5 oz. and the jam 2 lb. Find the total weight of 12 full jars.

8. A piece of tape measures 5 yd. 1 ft. 6 in. It is cut into 6 equal pieces; what is the length of each piece?

9. A churn contains 15 gal. 1 qt. of milk. If 7 gal. 2 qt. 1 pt. are sold, how much is left?

10. John took 1 hr. 30 min. to do a job, Harry 45 min. and Dick 50 min. How long do they take altogether?

11. A milkman sells 1 qt. 1 pt. to each of 11 customers. How much does he sell altogether?

12. How many 3-inch pieces can be cut from 3 yd.?

13. A girl takes 4 hours 25 min. 24 sec. to make 4 cushions. How long will she take to make one only?

14. From 1 yd. 2 ft. 3 in. take six inches.

A

Reduce

1. 4 ft. 7 in. to in.
2. 1 yd. 1 ft. 3 in. to in.
3. 12 yd. 0 ft. to ft.
4. 9 yd. 2 ft. 0 in. to in.
5. 6 yd. 1 ft. to in.
6. 3 yd. 0 ft. 8 in. to in.
7. 14 gal. 1 qt. to qt.
8. 1 gal. 1 qt. 1 pt. to pt.
9. 3 gal. 1 qt. 1 pt. to pt.
10. 15 qt. 1 pt. to pt.
11. 15 gal. 1 qt. to pt.
12. 3 gal. 1 pt. to pt.

Reduce

13. 3 hr. 4 min. to min.
14. 1 hr. 11 min. 3 sec. to sec.
15. 13 min. 4 sec. to sec.
16. 2 hr. 3 min. 7 sec. to sec.
17. 1 hr. 7 min. to min.
18. 18 min. 15 sec. to sec.
19. 3 lb. 4 oz. to oz.
20. 1 st. 2 lb. 5 oz. to oz.
21. 1 qr. 5 lb. 6 oz. to oz.
22. 3 qr. 15 lb. to lb.
23. 2 st. 7 lb. to lb.
24. 1 st. 5 oz. to oz.

B

Reduce

1. 412 in. to ft. in.
2. 826 in to yd. ft. in.
3. 627 ft. to yd.
4. 287 in. to yd. ft. in.
5. 363 in. to yd. ft. in.
6. 445 in. to yd. ft. in.
7. 326 pt. to qt.
8. 409 pt. to gal. qt. pt.
9. 247 pt. to gal. qt. pt.
10. 413 pt. to gal. qt. pt.
11. 560 qt. to gal. qt.
12. 138 pt. to gal. qt. pt.

Reduce

13. 360 sec. to min.
14. 3600 sec. to hr. min. sec.
15. 600 sec. to min. sec.
16. 1206 min. to hr. min.
17. 3711 sec. to hr. min. sec.
18. 1036 sec. to min. sec.
19. 216 oz. to lb. oz.
20. 328 oz. to lb. oz.
21. 127 lb. to qr. lb.
22. 126 lb. to st. lb.
23. 369 lb. to st. lb.
24. 196 lb. to st. lb.

C

1. How many lb. in 24 stone?
2. How many lb. in 324 oz.?
3. Find the cost of 12 yd. of ribbon at 1d. per inch.
4. How many 2-inch pieces can be cut from 2 yd.?
5. Find the cost of 8 gal. of milk at 3d. per pint.
6. How many inches in 2 yd. 1 ft. 3 in.?
7. How many minutes in 2½ hr.?
8. Find the cost of 3 stone of potatoes at 1½d. per lb.
9. How many minutes are contained in 4915 sec.?
10. How many 1 lb. packets can be made up from 3 qr. 9 lb.?
11. A churn holds 15 gal. 2 qt. of milk. How many pints is that?
12. Express 549 minutes in hr. and min.

A

1. One measure holds 2 gal. 1 qt., another 2 qt. 1 pt. and a third 1 gal. 1 qt. 1 pt. What quantity will the three hold together?
2. What shall I pay for 2 st. 5 lb. of potatoes at 1d. per lb.?
3. A bus takes 1 hr. 47 min. on a journey. How long will it take to do the same journey 5 times?
4. How many children can have a pint of milk from 3 gal. 1 qt. 1 pt.?
5. One man can do a job in 3 hr. 20 min. but a second man takes 4 hr. How much longer does one take than the other?
6. What shall I pay for 1½ gal. of milk at 6d. per pt.?
7. A lorry is loaded with 12 sacks of potatoes, each weighing 7 st. 6 lb. What is the total weight of the sacks?
8. Two equal pieces of string each measure 1 ft. 6 in. A third piece measures 1 yd. What is the length of the three pieces?
9. What is the price of 153 yd. 2 ft. of wire at 3d. per ft.?
10. If 7 equal boxes together weigh 1 qr. 1 lb. 5 oz., find the weight of one box only.

B

1. What number of inches does a roll of braid 6 yd. 2 ft. 3 in. long contain?
2. What is 3½ lb. of chocolate worth at 1½d. per oz.?
3. How many pint bottles of oil can be filled from 17 gal. 3 qt. of oil?
4. If a man walks 100 yd. in a minute, how many yards will he walk in an hour at the same rate?
5. 12 yd. of cretonne are needed to cover a settee, and 9 yd. 1 ft. for a chair. How much cretonne will be needed to cover a settee and 2 chairs?
6. How many 4 oz. bars of chocolate can be cut from a 4 lb. block?
7. There are 20 yd. of material in a roll. If 4 yd. and 3 yd. 1 ft. 6 in. are cut off, what length remains?
8. Bring 2 qr. 12 lb. to lb.
9. If mother uses a total amount of 2 gal. 2 qt. 1 pt. of milk a week, how much does she use in a day?
10. Find the total weight of a parcel if the wrappings weigh 5 oz. and it contains 5 books each weighing 7 oz.

1. Into how many parts are each of the above figures divided?

2. What fraction or part of each figure is coloured black?

3. *a*   Fold a piece of paper to show halves and quarters.
    b   Now fold it into eight parts.
    c   Colour in red three of these parts.
    d   What fraction or part is left uncoloured?

Look at this diagram carefully.

NOW

4. Write down the answers to the following:
    a $1 =$ halves   *b* $\frac{1}{2} =$ quarters   *c* $\frac{1}{4} =$ eighths
    d $1 =$ quarters   *e* $\frac{1}{2} =$ eighths   *f* $1\frac{1}{2} =$ quarters

5. Work the following:
    a $\frac{1}{4} + \frac{1}{8} = \frac{}{8}$ *b* $\frac{1}{2} + \frac{1}{8} = \frac{}{8}$
    c $1 + \frac{1}{2} = \frac{}{8}$ *d* $1 + \frac{1}{4} + \frac{1}{2} = \frac{}{8}$
    e $\frac{1}{4} - \frac{1}{8} = \frac{}{8}$ *f* $\frac{1}{2} - \frac{1}{8} = \frac{}{8}$
    g $1 - \frac{1}{8} = \frac{}{8}$ *h* $1 - \frac{1}{4} = \frac{}{8}$

A

1. 40 yards of steel rails weighed 3440 lb. Find the weight of a yard.
2. One clock ticks 72 times a minute, another 102 times per minute. How many more ticks per hour does one make than the other?
3. By how much is $\frac{1}{2}$ of £7 13s. 3d. greater than $\frac{1}{4}$ of it?
4. Find the number of sixpenny toys that cost £13 10s.
5. From the sum of 2 guineas, £1 13s. 6d. and 14s. $11\frac{1}{2}$d. take £1 6s. $7\frac{1}{4}$d.

B

1. How many one pound packets of tea can be made from 1 st. 13 lb of tea?
2. If a boy earned £130 4s. 4d. in a year, how much did he earn per week?
3. What will 2600 oranges cost at $1\frac{1}{2}$d. each?
4. 3 dozen powders are packed in each box. How many powders will 135 boxes contain?
5. How much more than £20 is 17 times £2 6s. $3\frac{1}{2}$d.?

C

1. 4795 oranges are packed into 35 similar boxes. How many will be in each box?
2. If a boy and a girl each earn £2 7s. 8d. a week, what will 8 boys and 7 girls earn?
3. What must be added to 1 qr. 3 lb. 7 oz. to make 4 qr.?
4. The cost of ribbon is 3d. per yard. How many yards can I buy with 7 guineas?
5. 600 people lived in a village. Of these 260 were women, 200 were men and the rest children. How many children were there?

D

1. Find the difference between seven thousand, and one thousand and six.
2. How much does a man spend on bus fares in a year if he spends 4d. per day?
3. Forty-eight times a certain sum is £86 11s. Find the sum.
4. Multiply 14 gal. 2 qt. 1 pt. by 9.
5. 42 nails were found to weigh 1 lb. What should 4704 nails weigh?

A

1. How many times is 34 contained in 9554?
2. If a newsagent delivers 79 newspapers a day, how many will that be in a year at the same rate?
3. A book costs 7s. 6d. and a pen 5s. 3d. more than this. Find the cost of a pen and book together.
4. If a man pays £1 6s. 9d. each for 32 chairs, how much money does he spend altogether?
5. A hawker sells 275 penny balloons. How much money does he take?

B

1. A greengrocer sells 5 st. 9 lb. of potatoes at 1½d. per lb. How much money does he take?
2. Share £134 5s. 3d. equally among 12 men and 11 women.
3. There are 17 windows in a house. What will be the total cost of the blinds at 5s. 9½d. each?
4. How many boxes each holding 27 lb. of apples can be filled from a heap of apples weighing 999 lb.?
5. Find the sum of 6 gross, 9 score and 4½ dozen.

C
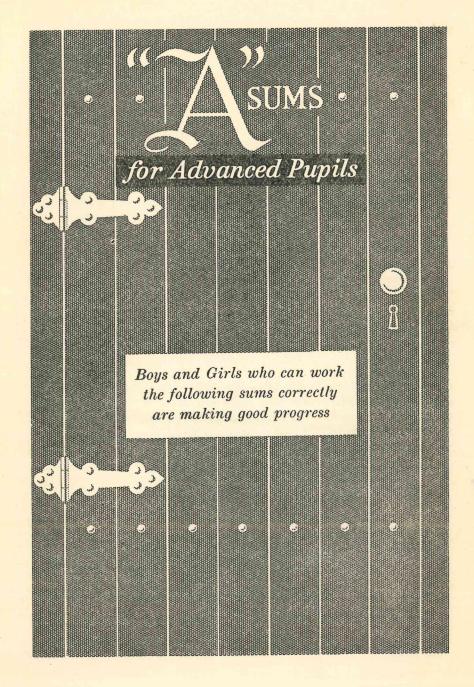
1. Multiply nine thousand and nineteen by seven hundred and eight.
2. What is the price of 8 ft. 9 in. of copper wire at 3d. per inch?
3. What sum of money is 24 times as great as £7 6s. 1½d.?
4. Take the value of 173 half-crowns from £25.
5. If there are 42 strawberry plants in a row, how many rows can be planted with 18942 such plants?

D

1. If I buy a scarf for 12s. 9d. and three pairs of socks at 4s. 11d. per pair, how much money shall I spend altogether?
2. Three sticks measure 2 yd. 1 ft. 3 in., 2 yd. 1 ft. 9 in. and 1 yd. 2 ft. 11 in. respectively. If they are placed end to end, how far will they stretch?
3. If my travelling expenses amount to £15 5s. 0d. in a year, how much will they be for one month only?
4. What shall I pay for 535 twopenny stamps?
5. How many stones are there in 493 lb.?

"A" SUMS

for Advanced Pupils

Boys and Girls who can work the following sums correctly are making good progress

A

1. 395+19+2001+421
2. 63+307+1317+20
3. 4130+19+235+104
4. 505+617+2090+8
5. 375+1515+1091+48
6. 2709+19+612+3919
7. 105+75+38+6300
8. 28+3222+717+90

B

1. 4951 − 398
2. 2164 − 852
3. 1763 −1495
4. 1055 − 235
5. 795 − 99
6. 2000 −1450
7. 3325 − 299
8. 1010 − 176
9. 475 − 138
10. 1255 − 848
11. 1760 − 377
12. 2500 −1499
13. 3473 × 26
14. 5385 × 9
15. 1215 × 372
16. 3526 × 214
17. 1015 × 12
18. 2349 × 197
19. 1053 × 806
20. 3140 × 109
21. 2730 × 25
22. 7931 × 11
23. 2417 × 342
24. 3761 × 252
25. 4591 ÷ 9
26. 5636 ÷ 21
27. 4729 ÷ 8
28. 6299 ÷ 23
29. 12950 ÷ 12
30. 21597 ÷ 22

C

1. £141 6s. 8¾d.+£25 10s. 6d.+19s. 6¾d.+16s. 4½d.
2. £15 1s. 7d.+£119 16s. 3¾d.+£240 5s. 1d.+10d.
3. £32 19s. 9d.+£29 7s. 8½d.+£124 2s. 6d.+£26
4. £253 6s. 8½d.+£51 9s. 2¼d.+£4 7s. 8¾d.+£3 6s. 2½d.
5. £161 0s. 9d.+£27 17s. 11½d.+£219 2s. 9½d.+15s. 6¾d.
6. £50 5s. 5d.+£322 0s. 10¾d.+£4 19s.+£161

D

	£ s. d.			£ s. d.			£ s. d.
1. 152 14 1 −111 7 6		9. 3 6 4½ × 7			17.		18 6½ ÷ 8
2. 23 15 0 − 12 6 3½		10. 9 4 6¾ × 5			18. 501 6 2 ÷ 7		
3. 41 4 6½ − 31 5 4¾		11. 7 7 9 ×12			19. 476 9 9 ÷ 9		
4. 16 6 3 − 19 9½		12. 12 8¼ × 4			20. 385 2 4½ ÷12		
5. 61 9 10¼ − 5 10 6		13. 28 6 7½ × 7			21. 402 7 6 ÷ 6		
6. 126 14 9 − 13 3 8½		14. 12 0 10¼ × 9			22. 450 10 0 ÷10		
7. 214 6 3¼ − 12 6 6		15. 10 18 3 ×10			23. 43 16 9 ÷12		
8. 21 10 0 − 10 15 6		16. 14 2 0½ ×11			24. 209 17 1¼ ÷11		

A

1. £56 16s. 3½d.+£900 14s. 2¾d.+£3 6s. 8d.+£100.
2. £141 3s. 6d.—£5 19s. 10½d.
3. 2541÷21
4. £61 2s. 7d. ×6
5. 8523×37
6. 2602÷23
7. 1000—367
8. £700 15s. 8½d.+£13 6s. 0d.+17s. 2¼d.+£163 12s. 2½d.
9. £31 14s. 2½d. ×8
10. 3614÷31
11. 2748÷22
12. £260 14s. 2d.—£131 16s. 9½d.
13. 2237×25
14. £20 15s. 10½d.÷9

B

1. £237 16s. 4½d.+£136 7s. 2¼d.+£14+½ guinea.
2. 7101÷27
3. £12 10s. 3¾d.×7
4. 3426×26
5. £36—£1 2s. 6d.
6. 307+26+1000+327
7. 10726÷31
8. £936 17s.+2s. 6½d.+£147 19s.+11d.+19s. 11¾d.
9. £78 1s. 1½d.÷6
10. £260 12s.—£1 3s. 7½d.
11. 6324÷31
12. 2406×35
13. 2568÷24
14. £9 15s. 10¼d.×9

C

1. £137 18s. 5d. + 9½d. + £42 16s. 2d.+£327 18s.
2. 5200÷25
3. 7360×12
4. 1276÷9
5. 3736×19
6. £370 1s. 8d.—14s. 10¼d.
7. £7 10s. 4½d.×10
8. £231 13s. 7¼d. + £46 19s. + £140 16s. 8d.+19s. 10½d.
9. £11 12s. 4½d.×11
10. £40 3s. 8d.—9¼d.
11. 2065×18
12. 900+76+136+47
13. 2600—137
14. 4080÷34

D

1. £146 2s. 8d. + 15s. 11¾d. + £27+£26 14s. 6½d.
2. £11 16s. 2¼d.×8
3. 10268÷34
4. 3647÷17
5. 1004×45
6. £84 0s. 3½d.÷7
7. £376 2s. 3d.—£17 16s. 8¼d.
8. £161 13s. 2d. + 17s. 6¼d. + 10½d.+£10 6s. 2d.+£100
9. £11 15s. 2½d.×12
10. 7026×47
11. £32 12s.—4s. 8½d.
12. 9627÷16
13. £26 1s. 1½d.÷6
14. 236+100+10+1001

A

1. £36 13s. 6¼d. + £416 10s. 0½d. + £1 16s. 3½d. + 1½ guineas.
2. £137 19s. 6d. − £9 7s. 4d.
3. £72 2s. 3½d. × 8
4. £23 3s. 5½d. ÷ 7
5. 5246 × 24
6. 1504 ÷ 32
7. 9367 ÷ 12

8. £46 10s. 0d. + £3 6s. 2½d. + £300 13s. 10d. + 2¼d.
9. 7327 × 36
10. £12 14s. 0½d. − £1 3s. 9d.
11. 1600 ÷ 25
12. £92 13s. 8½d. × 7
13. 3000 − 127
14. £26 12s. 10½d. ÷ 6

B

1. £76 12s. 2¼d. + 14s. 6½d. + £100 6s. + 17s. 4¾d.
2. 2862 × 27
3. 9450 ÷ 35
4. £60 17s. 2d. − £3 19s. 3½d.
5. £24 11s. 2d. ÷ 7
6. 4093 × 27
7. £80 15s. 10½d. × 6

8. £15 2s. 10d. + 14s. 6¾d. + £49 11s. + £200 6s. 9½d.
9. £11 13s. 7¾d. × 9
10. 9208 × 49
11. 11700 ÷ 39
12. £70 15s. 8½d. − £2 14s. 9d.
13. 7200 ÷ 24
14. £54 6s. 10d. ÷ 8

C

1. £50 12s. 9¼d. + 15s. 10½d. + 7s. 6d. + £397
2. 7000 + 29 + 268 + 74
3. £11 12s. 7½d. × 11
4. £23 17s. 2¼d. ÷ 5
5. 3296 ÷ 16
6. £10 − £1 6s. 7½d.
7. 730 × 56

8. £73 2s. 6¼d. + 19s. 10½d. + £316 4s. 9d. + 6¾d.
9. 8567 × 37
10. £58 8s. 3¼d. ÷ 7
11. 1362 ÷ 27
12. 5180 ÷ 14
13. £10 13s. 6¼d. × 12
14. £140 10s. − £7 2s. 3¼d.

D

1. £100 + £3 8s. 7d. + 14s. 6½d. + 19s. 11¾d.
2. £129 17s. 9½d. − 2s. 10¾d.
3. 7604 × 19
4. £30 16s. 8¼d. ÷ 11
5. 10400 ÷ 26
6. 4994 ÷ 22
7. £13 17s. 11½d. × 7

8. £69 7s. 2½d. + 15s. 11¾d. + £47 13s. 2¾d. + £200 16s. 8½d.
9. 1961 ÷ 37
10. £200 − £7 2s. 8½d.
11. £76 5s. 3¼d. ÷ 7
12. £11 15s. 7¼d. × 9
13. 6728 × 39
14. 9297 × 9

A

1. Find the sum of 295, three hundred and six, seventeen and 5894.
2. If one tram carries 72 passengers, how many will be carried by 394 trams when all are full?
3. If I buy a tea service at 17s. 11d., a tablecloth for 5s. 6½d., a kettle for 1s. 9¾d., and have 14s. 6d. left, how much money had I at first?
4. What must be added to £4 17s. 6¾d. to make £9 19s. 6d.?
5. How many will be left if 3719 is divided into 25 equal parts?

B

1. If 7 cricket bats cost £2 15s. 5d., what will be the price of 3 of them?
2. Add together £3 17s. 2½d., £4 19s. 6d., 18s. 11¾d. and £7 16s. 3¾d., and take the answer from £25.
3. If 42 children in a class use 2394 sheets of paper between them, how many is that for each one?
4. If $\frac{1}{25}$ of a number is 3951, what will $\frac{17}{25}$ be?
5. Take five thousand five hundred and five from fifteen thousand and fifty.

C

1. If a dozen similar boxes contain 972 eggs altogether, how many will there be in five only?
2. Make £7 12s. 3½d. nine times as large.
3. Find the total cost of a table at £5 12s. 6d., a rug at £1 6s. 9d. and 2 chairs at £1 2s. 9d. each.
4. Divide £17 2s. 6d. by 8 and take the answer from £5.
5. Take 6½ dozen from 6 gross.

D

1. Find the sum of one thousand and nine, eight hundred and seventeen, fifteen, and six thousand and ninety-five.
2. How much change shall I have out of a pound note after buying half a dozen toys at 2s. 9½d. each?
3. Divide seven thousand eight hundred and seventy-five by the sum of five, eight and twelve.
4. A toy engine costs 8s. 11d. and a scooter three times as much. Find the cost of the engine and scooter together.
5. If a watch ticks 125 times a minute, how many times will it tick in 135 minutes?

A

1. 37×800 =
2. 4s. 3d. —2s. 7d. =
3. 5 gross =
4. $6\frac{1}{2}$ dozen =
5. 16 score =
6. $14+300+85$ =
7. $82-63$ =
8. $5\frac{1}{2}$d. $\times 5$ =
9. 3s. $6\frac{1}{2}$d. $+4$s. 2d.=
10. $837 \div 9$ =

B

1. How many dozens are there in 492?
2. What is the cost of 29 penny buns?
3. Take one score from 2 dozen.
4. 3 loaves at $3\frac{3}{4}$d. each.
5. The grocer gives me 3d. change out of half a crown. How much did I spend?
6. If there are 38 lines on a page, how many will there be on 11 pages?
7. What is the value of 65 shillings?
8. Add 43 and 9 and take 12 from the answer.

PROBLEMS

A

1. Make one thousand four hundred and six 54 times as large.
2. I spend 3s. $9\frac{1}{2}$d. on Monday, 5s. 6d. on Tuesday and £1 2s. 10d. on Wednesday. How much shall I have left out of £2?
3. Find the difference between 3295 and 5187.
4. Find the cost of 9 pineapples at 2s. 5d. each.
5. 4576 letters are to be delivered by 32 postmen between them. What is the average number delivered by one only?

B

1. Add 392, 1765 and 5095 and take 2763 from the answer.
2. Divide £35 17s. 6d. into 8 equal parts.
3. How many dozens are there in seventy-three thousand one hundred and twenty-eight?
4. 12 people staying in a hostel each pay £3 12s. 6d. a week. How much do they pay altogether?
5. Take £14 2s. $6\frac{1}{2}$d. from £125 12s. 6d.

C

1. Add together £1 17s. 6d. and £4 16s. $3\frac{1}{2}$d. and multiply the answer by 7.
2. If there are 341 raspberry canes in a row, how many are there in thirty-two rows?
3. How many times can I take $2\frac{1}{4}$ dozen from 2457?
4. If 10 paintings are worth £56 5s., what is the value of one only?
5. Find the sum of 3 gross, 16 score, 7 dozen and one thousand two hundred and one.

A

1. A bag contains 96 pence. How many pence will there be in 243 similar bags?
2. If 9 books cost £3 7s. 6d., what will be the price of 4 of them?
3. £17 6s. $8\frac{1}{2}$d. $+£2$ 19s. $7\frac{3}{4}$d. $+18$s. $7\frac{1}{2}$d. $-£2$ 10s. $1\frac{1}{2}$d.
4. Divide the difference between 7649 and 15055 by 34.
5. How many times will eleven go into fifteen thousand and fifteen?

B

1. A train travels 283 miles in a day. If it does the same journey every day for a year, how many miles does it travel altogether?
2. Find the difference between the cost of 5 chairs at £1 16s. 9d. each and 6 rugs at £1 5s. 11d. each.
3. $954+1008-276+49-387$.
4. What must be added to the sum of £1 16s. 3d., £2 15s. $8\frac{1}{2}$d. and £1 19s. 9d. to make £10?
5. Add $\frac{1}{9}$ of 9828 to two thousand six hundred and five.

C

1. A car costs £936 5s. and a garage $\frac{1}{7}$ of this price. What is the cost of the garage?
2. A motorist travels 125 miles a day during his holidays, and is away three weeks. How many miles does he travel altogether?
3. I pay the butcher 18s. $4\frac{1}{2}$d., the baker 3s. $2\frac{3}{4}$d., the grocer 12s. 5d. and the milkman 7s. $1\frac{1}{2}$d. How much remains out of £2 5s.?
4. Add together 5 gross, 21 score and $8\frac{1}{2}$ dozen and divide your answer by 12.
5. 19775 bricks are needed to build a wall 25 feet long. How many bricks go to each foot of the wall?

D

1. A box holds 240 apples and a barrel 7 times this number. How many apples will there be in a box and barrel together?
2. 8 times a sum of money is £195 17s. 6d. What is the sum?
3. Take £4 19s. $3\frac{1}{2}$d. from $9\frac{1}{2}$ guineas.
4. Add 9 times £6 17s. $1\frac{1}{4}$d. to £5 15s.
5. Multiply 7 gross by 509.

A

	£	s.	d.				£	s.	d.				£	s.	d.	
1.	36	2	9½	× 18	7.		19	15	11¾	× 38	13.		12	11	8½	× 65
2.	27	3	8¼	× 27	8.		23	19	10½	× 84	14.		47	13	9¾	× 29
3.	24	15	7¾	× 72	9.		31	2	6	× 39	15.		20	11	2½	× 37
4.	16	7	10½	× 52	10.		92	7	8	× 26	16.		18	12	6¼	× 65
5.	27	18	11¾	× 19	11.		34	8	4½	× 25	17.		96	7	8½	× 29
6.	36	19	10½	× 12	12.		67	13	6¼	× 13	18.		43	12	3½	× 65

B

	£	s.	d.				£	s.	d.				£	s.	d.	
1.	240	13	6½	÷ 24	7.		344	3	7	÷ 8	13.		12		10¼	÷ 27
2.	336	0	7¼	÷ 32	8.		962	0	0	÷ 46	14.		1214	8	10½	÷ 39
3.	567	2	8½	÷ 63	9.			17	1	÷ 34	15.		1758	0	3	÷ 34
4.	700	0	0	÷ 75	10.		280	2	8½	÷ 16	16.		1021	10	7	÷ 52
5.	219	3	11½	÷ 23	11.		3123	3	8	÷ 34	17.		574	3	8½	÷ 12
6.	900	0	0	÷ 35	12.		1307	12	0¼	÷ 41	18.		3642	19	6¼	÷ 37

C

Bring   *Bring*

	£	s.	d.				£	s.	d.	
1.	20	6	8	to pence	9.		23	15	0	to sixpences
2.	31	2	8½	to halfpence	10.		16	14	0	to threepences
3.	19	6	10½	to three-halfpences	11.		30	0	0	to pence
4.	18	7	8	to fourpences	12.		18	14	2¾	to farthings
5.	21	13	10	to twopences	13.		16	7	8½	to halfpence
6.	18	17	6	to half-crowns	14.		21	15	0	to half-crowns
7.	19	12	9	to threepences	15.		18	13	0	to fourpences
8.	21	18	0	to florins	16.		25	18	8	to twopences

D

Bring to £ s. d.   *Bring to £ s. d.*

1. 1267 halfpence		9. 2186 half-crowns
2. 3128 farthings		10. 1037 florins
3. 6000 fourpences		11. 5628 pence
4. 1000 twopences		12. 2413 farthings
5. 1263 half-crowns		13. 1812 sixpences
6. 2000 florins		14. 2000 halfpence
7. 1097 three-halfpences		15. 8121 threepences
8. 6000 threepences		16. 8000 fourpences

A

1. £29 6s. 9¼d. + £36 19s. 2½d. + £1 7s. 6d. + £100
2. £40 6s. 2¾d. — £2 17s. 1d.
3. £3 18s. 4½d. × 24
4. £27 19s. 6d. ÷ 22
5. 9650 ÷ 23
6. Reduce 2467 farthings to £ s. d.
7. 99 + 1055 + 465 + 17
8. £62 2s. 7d. + £4 19s. 2d. + 2½d. + £3 18s. + 3 gns.
9. £56 0s. 6d. — £1 17s. 9d.
10. £6 12s. 2¼d. × 11
11. £27 7s. ÷ 12
12. 3729 ÷ 42

B

1. £100 17s. 9d. + 8s. 6¾d. + 19s. + £30 7s. 10d. + £98
2. Reduce £13 7s. 10d. to two-pences
3. £53 9s. 10¼d. × 9
4. £25 ÷ 21
5. 6725 × 48
6. 12096 ÷ 8
7. 2500 — 2195
8. £90 + £17 6s. 6½d. + 10s. 6¾d. + £209 0s. 9d. + ½ gn.
9. £150 12s. 9d. — £4 17s. 1¾d.
10. 17s. 6¾d. × 28
11. £54 5s. 1d. ÷ 23
12. 9019 × 11

C

1. £163 0s. 9½d. + £4 14s. 6¾d. + £126 13s. 4d. + £50
2. £120 12s. — £4 9s. 6¾d.
3. £17 17s. 6d. × 19
4. £50 2s. 10d. ÷ 8
5. 2951 ÷ 23
6. 9640 × 12
7. Reduce £7 16s. 9½d. to halfpence
8. 5s. 10¼d. + £4 + £2 8s. 4½d. + £416 16s. 2d. + 3½ guineas.
9. Reduce 4678 threepences to £ s. d.
10. £23 16s. 9¼d. × 7
11. £157 16s. 6½d. ÷ 22
12. 8519 ÷ 12

D

1. 5s. 10¾d. + £119 1s. 0¾d. + 6½d. + £28 4s. 9d. + 2½ gns.
2. £200 6s. 3d. — £14 0s. 10¾d.
3. £47 17s. 1d. × 33
4. £38 19s. 6d. ÷ 32
5. 17017 ÷ 9
6. Reduce £16 15s. to half-crowns
7. 3125 — 2966
8. £38 1s. 11d. + £63 11s. 7d. + 6½d. + £14 0s. 9½d. + 7s. 6d.
9. £400 2s. 6d. — £3 18s. 1½d.
10. £53 2s. 10¾d. × 29
11. £86 5s. 3d. ÷ 9
12. 3971 ÷ 25

A

1. £215 6s. 3½d. + £19 17s. 2¾d. + 16s. 6½d. + £159 16s. 2½d.
2. £46 6s. 7¼d. × 25
3. 6664 ÷ 17
4. £243 19s. 8½d. ÷ 34
5. 6296 × 19
6. £136 13s. 2d. ÷ 9

7. Reduce £16 9s. 2d. to farthings
8. £138 10s. + £3 6s. 3½d. + 18s. 4½d. + 7½d. + £100
9. Reduce 3720 halfpence to £ s. d.
10. £360 8s. 3d. ÷ 42
11. 9000 − 127
12. 7650 ÷ 25

B

1. £136 13s. 10¾d. + £7 6s. 8½d. + £8 19s. 6¼d. + £208 15s.
2. £128 15s. 6½d. ÷ 11
3. 9264 ÷ 28
4. £93 16s. 7½d. ÷ 24
5. 7300 + 18 + 720 − 86
6. Reduce 12½ guineas to threepences

7. £10 8s. 6¼d. × 27
8. £136 7s. 6½d. + 16s. 8½d. + 7 guineas + 5¾d.
9. Reduce 9364 three-halfpences to £ s. d.
10. 3786 × 47
11. £11 13s. 2½d. × 12
12. £23 15s. 6½d. × 28

C

1. £138 10s. 9½d. + 6½ guineas − 17s. 3½d. + £100 15s.
2. Reduce 16s. 10d. to twopences
3. 4937 ÷ 22
4. £13 10s. 11½d. × 34
5. 9627 × 56
6. £324 7s. 7½d. ÷ 34

7. £290 − £13 14s. 8½d.
8. £9 16s. 10½d. + £17 6s. 8¼d. + 4 guineas + ½ guinea
9. £24 17s. 9¾d. × 37
10. £13 7s. 10½d. × 9
11. 7562 − 1327
12. Reduce 2603 half-crowns to £ s. d.

D

1. £24 17s. 6½d. + £175 2s. 9¼d. + £39 16s. 7¾d. + 19s. 11½d.
2. Reduce 9½ guineas to pence
3. £25 15s. 6½d. × 43
4. 4896 ÷ 24
5. £136 17s. 3½d. ÷ 38
6. 6296 × 12

7. £100 − £7 2s. 9¾d.
8. £826 19s. 6½d. + £14 10s. 2¼d. + 17s. 10½d. + 4¾d.
9. 13340 ÷ 29
10. £119 15s. 3d. ÷ 29
11. 6376 × 75
12. Reduce 16s. 9d. to halfpence

A

1. 768 ÷ 8 =
2. 8 gross =
3. 1s. 7d. + 2s. 4½d. =
4. 73 × 700 =
5. 5s. 6d. − 2s. 4¾d. =
6. 153 × 9 =
7. 4 + 89 − 23 =
8. 355 shillings =
9. 45 half-crowns =
10. 4s. − 42 pence =

B

1. How many threepences make 7s. 3d.?
2. 5 lb. of cheese at 1s. 3d. per lb.
3. Add 17 farthings to 3d.
4. 36 score =
5. There are 9 windows each containing 4 panes of glass in a house. How many panes are there in 2 houses?
6. Take one score from half a gross.
7. Bring a florin to twopences.
8. 2 dozen eggs at 2½d. each.

PROBLEMS

A

1. How many times will 25 go into 3875?
2. If hearthrugs are 25s. 6d. each, what would be the value of 18 rugs at the same price?
3. Add together seventeen thousand nine hundred and nine, and two thousand six hundred and seventy.
4. Find the cost of 7500 screws at a farthing each.
5. What is the value of a twenty-third part of £54 9s. 7½d.?

B

1. Divide 3726 by 9 and take the answer from 2500.
2. Six similar armchairs are valued at £47 12s. 6d. altogether. What is the cost of one only?
3. Take 539 three-halfpences from £5.
4. Find the total cost of a hat at 12s. 6d., a coat at 3½ guineas, a scarf at 12s. 11d. and two pairs of gloves at 6s. 9d. a pair.
5. What is the product of 319 and 408?

C

1. Take one quarter of £6 7s. 6d. from £4 10s.
2. There are 750 oranges in a crate. 53 are bad, 49 are unripe and the rest are good. How many are good?
3. I save £1 2s. 6d. a week for 38 weeks to buy a piano. How much do I pay for it?
4. What is the value of 7 gross books of matches at 1d. per book?
5. 5320 chocolates are to be packed into 20 boxes. How many will there be in each box?

A

1. 1 dozen at 1s. 7d. each   =
2. 29×800 =
3. $4\frac{1}{2}$d. $\times 7$ =
4. $\frac{3}{4}$ of 20   =
5. 29 fourpences   =
6. 10s. 6d. —2s. 3d.   =
7. 117 pence   =
8. 11 half-crowns   =
9. $5\frac{1}{2}$ gns.   =
10. $17+50-9$ =

B

1. If oranges are 1s. 6d. per dozen, how much are they each?
2. How much change shall I have out of 2s. after buying 3 cakes at 6d. each?
3. Take 12 twopences from three shillings.
4. $1\frac{1}{2}$yd. of trimming at $6\frac{1}{2}$d. per yd .
5. Find a half of half a crown.
6. Write down nineteen thousand and nine in figures.
7. What is the value of forty-three farthings?
8. How many half-dozens in half a gross?

PROBLEMS

A

1. How many eggs are there altogether in 456 boxes each of which contains a dozen?
2. If my salary is £270 10s. a year, how much do I receive a month?
3. Take the sum of £4 17s. $10\frac{1}{4}$d., £5 9s. 6d., 16s. $10\frac{3}{4}$d. and £3 10s. $3\frac{3}{4}$d. from 18 guineas.
4. Add 9 times 149 to one thousand five hundred.
5. How much will be left out of £50 after paying for 293 books at half a crown each?

B

1. Find the cost of a roll of material measuring 35 yd. at 5s. 9d. per yard.
2. Take 17 score from 4 gross.
3. 72 cases each contain 135 oranges. How many more oranges will be needed to make up 10,000?
4. A watch costs £8 17s. 6d. and a chain 3 guineas less than this. Find the cost of a watch and chain together.
5. A row of chairs numbering 32 is valued at £73 4s. What is the value of one chair only?

C

1. There are 125 green marbles and 93 blue ones in a box. What would be the total number of marbles in 163 boxes?
2. Multiply the difference between £12 2s. $9\frac{1}{2}$d. and £5 17s. 6d. by 25.
3. A man earns £395 10s. a year. He saves £9 15s. a month and spends the rest. How much does he spend?
4. 24 cards each hold 18 buttons. What is the value of them if the buttons are a halfpenny each?
5. Take $3\frac{1}{2}$ gns. from £43 12s. 6d. and divide the rest into 12 equal parts.

A

1. Multiply £1 15s. 7d. by 23 and take the answer from £45 15s.
2. A stall holder sells 255 bunches of flowers at 6d. each and 347 at 2d. each. How much money does he take?
3. Find the total number of matches in 2 gross boxes each of which contains 45 matches.
4. If I buy 5 lb. beef at 1s. 2d. per lb. and 7 lb. mutton at $8\frac{1}{2}$d. per lb., how much money do I spend?
5. Find a twenty-sixth part of 8242.

B

1. How many penny lemons are worth £4 17s. 10d.?
2. A man earns £4 5s. 9d. per week and a boy £1 3s. 6d. per week. How much do they earn between them in 12 weeks?
3. Twenty times a sum of money would amount to £56 5s. What is the sum?
4. There are 23 desks in Room A, 19 in Room B, 24 in Room C and 18 in Room D. If each desk holds 2 children, how many children can be seated altogether?
5. £3 2s. $9\frac{1}{2}$d. —£1 17s. 7d.—£4 16s. 3d.+£7 2s. 9d.+£4 15s.

C

1. A case of halfpenny oranges is worth £2 15s. 6d. How many does this case contain?
2. Share one thousand and seventy-five cigarette cards equally between twenty-five boys.
3. A man bought a table and four chairs for £14 2s. 6d. If each chair cost £1 6s. 9d., what was the price of the table?
4. What must be added to $4\frac{1}{2}$ guineas to make £14 3s. 3d.?
5. Find the product of eight hundred and seventeen and 3 gross.

D

1. How much money in £ s. d. is contained altogether in 7 boxes each holding 92 pennies?
2. How many dozens are there in the sum of 17 score, a gross, and five hundred?
3. A hat costs 12s. 9d. and a coat £3 3s. more than this. Find the cost of a hat and coat together.
4. Take £14 2s. 6d. from £97 1s. 9d. and divide your answer by 24.
5. 17 similar churns contain a total amount of 1003 pints when full. How much is there in one churn only?

A

1. £127 16s. 9½d.+£7 2s. 3¼d.+ 16s. 9½d.+1½ guineas
2. £257 6s. 2¾d.÷19
3. Reduce £6 7s. 2¼d. to farthings
4. 10 hr. 4 min. 6 sec.—2 hr. 16 min. 30 sec.
5. £91 16s. 7½d.×36
6. 3246×47

7. 2 yd. 1 ft. 7 in.×8
8. 2 hr. 13 min. 3 sec.+4 min. 3 sec.+1 hr. 38 min. 56 sec.
9. £112 18s. 9d.÷26
10. 2 hr. 9 min. 7 sec.×10
11. £12 6s. 4½d.×11
12. Reduce 3046 fourpences to £ s. d.

B

1. £13 16s. 9½d. + 17s. 6¾d. + £96 2s. 2½d.+£100 1s. 6½d.
2. 7 lb. 6 oz.×6
3. 3208×326
4. £258 15s. 1d.÷34
5. 2546÷26
6. £11 15s. 9¼d.×25

7. Reduce 643 in. to yd., etc.
8. 11 st. 13 lb. 5 oz.—1 st. 2 lb. 8 oz.
9. Reduce 2647 three-halfpences to £ s. d.
10. 7904÷26
11. £130 16s. 2¼d.÷27
12. £12 17s. 4½d.×27

C

1. 1 gal. 3 qt. 1 pt.+2 gal. 1 qt. 1 pt.+1 qt. 1 pt.
2. £15 16s. 2½d.×37
3. 1512÷63
4. £29 15s. 10d.×36
5. Reduce 3 guineas to halfpence
6. £26 6s. 10½d.÷9

7. £139 16s. 2½d.÷46
8. £26 14s. 8½d.+£17 6s. 3¼d.+ 17s. 6d.+1s. 8½d.
9. £238 0s. 10¼d.÷36
10. 2687×127
11. 2 qr. 3 lb. 2 oz.×7
12. 3234÷66

D

1. 13 hr. 24 min. 53 sec.—6 hr. 50 min. 14 sec.
2. £243 3s. 4d.÷16
3. 3276÷39
4. Reduce 236 pt. to gal. qt. pt.
5. £1000—£13 6s. 3¼d.
6. £16 17s. 2½d.×35

7. £96 6s. 2½d.×7
8. 3 yd. 2 ft. 7 in.+1 yd. 1 ft. 3 in.+1 ft. 8 in.
9. £18 6s. 0½d.×36
10. 111 gal.÷8
11. £100 10s. 4d.÷37
12. 2600÷25

A

1. £12 2s. 6d.+£327 17s. 2¼d.+ £4 6s. 3d.+£1000
2. £64 13s. 1½d.÷15
3. Reduce 2467 farthings to £ s. d.
4. 9136×312
5. 1 st. 6 lb. 5 oz.×6
6. £10 13s. 2¼d.×13

7. £137—£1 6s. 8½d.
8. 13 hr. 27 min. 16 sec.—3 hr. 40 min. 17 sec.
9. 4968÷24
10. £14 18s. 6¾d.×32
11. £12 16s. 8½d.×9
12. 13 yd. 1 ft. 7 in.÷5

B

1. 1 qr. 13 lb. 3 oz.+4 lb. 12 oz.+ 2 qr. 3 lb. 7 oz.
2. 9267—138
3. 2 hr. 13 min. 14 sec.×8
4. £176 6s. 10d.÷8
5. Reduce 2937 pt. to gal. qt. pt.
6. £196 0s. 8¾d.÷19

7. £21 18s. 0½d.×18
8. 13 yd. 0 ft. 7 in.—2 yd. 1 ft. 9 in.
9. 4 gal. 3 qt. 1 pt.÷7
10. £76 3s. 11¼d.×41
11. 1089×57
12. 274+96+1000+27

C

1. £147 16s. 2¼d.+£39 7s. 4½d.+ 2½ guineas+4s. 6½d.
2. £13 10s. 2¼d.×10
3. 5 yd. 2 ft. 8 in.×7
4. Reduce 4½ guineas to pence
5. 1263×12
6. 3528÷28

7. £17 6s. 2¾d.×24
8. 13 gal. 1 qt. 1 pt.—4 gal. 3 qt.
9. Reduce 674 in. to yd. ft. in.
10. £23 17s. 10d.×36
11. 1 qr. 3 lb. 8 oz.÷10
12. £165 18s. 0d.÷16

D

1. 11 yd. 2 ft.+1 yd. 1 ft. 6 in.+ 2 yd. 5 in.
2. £593 7s. 4d.÷28
3. 2137×105
4. Reduce 2763 half-crowns to £ s. d.
5. 27+100+10000+49
6. £24 16s. 3¼d.×42

7. 1728÷16
8. £36 13s. 7½d.+£100+2s. 6½d. +3½ guineas+£213 16s.
9. £19 16s. 8½d.×47
10. £427 16s. 8d.÷36
11. £13 6s. 4¼d.×10
12. 2844÷14

A

1. £300 6s. 7½d.+£12 18s. 9d.+ £49 16s. 2½d.+£289 16s. 8½d.
2. 74284÷34
3. £132 15s. 2d.×23
4. Reduce £10 5s. to halfpence
5. £319 8s.÷24
6. 9600—274

7. 3 yd. 2 ft. 7 in.×7
8. 4 gal. 3 qt. 1 pt.+2 qt. 1 pt.+ 12 gal. 3 qt.
9. 13 gal. 0 qt. 1 pt.÷5
10. £305 7s. 5½d.÷23
11. 8367×416
12. £260 10s.—£1 6s. 8½d.

B

1. 13 st. 10 lb. 13 oz.—2 st. 12 lb. 9 oz.
2. £16 4s. 2½d.×9
3. Reduce 3 gal. 1 qt. 1 pt. to pt.
4. £32 15s. 7½d.×34
5. 8880÷24
6. 73+1000+2—637

7. £759 15s. 2d.÷31
8. £127 13s. 6¾d.+£29 6s. 8½d.+ 14s. 7d.+10¾d.
9. £139 17s. 4¾d.÷25
10. 7008—126
11. £85 11s.÷8
12. 2 st. 7 lb. 2 oz.×6

C

1. 12 hr. 13 min. 15 sec.+6 min. 18 sec.+2 hr. 46 min. 7 sec.
2. 967+36+1000+100
3. £92 16s. 7½d.×10
4. 106×215
5. £37 13s. 10¾d.×36
6. 1652÷14

7. £237 17s. 4d.÷16
8. 22 yd. 1 ft. 7 in.—18 yd. 2 ft. 9 in.
9. 1968÷16
10. £230 13s. 7½d.÷27
11. 2316×12
12. £136 7s. 2¼d.÷9

D

1. £246 15s. 6½d.+3½ guineas+ ½ guinea—17s. 2d.
2. £26 18s. 11½d.×47
3. 7000—51
4. £236 15s. 6¾d.÷17
5. £100—2s. 6½d.
6. 2937÷22

7. Reduce £9 6s. 8½d. to farthings
8. 3 qr. 11 lb. 7 oz.+5 lb. 8 oz.+ 1 qr. 2 lb. 3 oz.
9. £146 13s. 9½d.÷11
10. £359 16s. 3d.÷18
11. 6109×281
12. £39 10s. 10¾d.×49

A

Find the cost of

1. ½ lb. apples at 1s. 1d. per lb.
   5 eggs at 1¾d. each.
   ½ pt. milk at 9d. per pt.

2. 7 oranges at 2s. per dozen.
   1½ lb. onions at 5d. per lb.
   3 boxes dates at 6½d. a box.

3. 3 tins mustard at 5½d. per tin.
   ½ lb. macaroni at 7½d. per lb.
   1 dozen buns at 1½d. each.

4. ¼ lb. chocolate at 2s. 4d. per lb.
   8 oz. sweets at 1s. 4d. per lb.
   3 boxes chocolates at 1s. 9d. per box.

5. 5 oz. almonds at 2s. 8d. per lb.
   39 farthing sweets.
   1½ lb. icing sugar at 5d. per lb.

6. 3 dozen screws at ½d. each.
   7 bolts at 3½d. each.
   1 gross nails at 1d. per dozen.

7. 2 lb. butter at 1s. 6d. per lb.
   ¼ lb. biscuits at 11d. per lb.
   1 qt. milk at 3d. per half-pint.

8. 7 oz. cloves at 5d. per oz.
   2 pairs knitting needles at 10½d. per pair.
   3 yd. tape at 2¾d. per yd.

9. 6 bars of chocolate at 4d. each
   5 powders at 3½d. each.
   1 lb. 4 oz. raisins at 1s. 4d. per lb.

B

Find the cost of

1. 5 dozen cards at 1d. each.
   3 quires paper at 8½d. per quire.
   100 beads at 10 a 1d.

2. 29 penny Easter eggs.
   17 twopenny Easter eggs.
   23 threepenny Easter eggs.

3. ½ lb. pears at 1s. 6d. per lb.
   ¾ lb. suet at 8d. per lb.
   5 plates at 6½d. each.

4. 1¼ lb. steak at 1s. 8d. per lb.
   ¼ lb. suet at 10d. per lb.
   1½ lb. macaroni at 1s. 2d. per lb.

5. 9 oz. bacon at 2s. 8d. per lb.
   1¼ lb. cake at 2s. per lb.
   ½ lb. lard at 1s. 3d. per lb.

6. 3 lb. nuts at 2s. 5d. per lb.
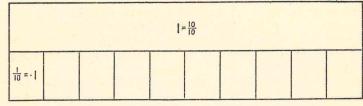   2 cakes at 9d. each.
   1 qt. paraffin at 2d. per pt.

7. 5 eggs at 1s. 6d. per dozen.
   ¼ lb. tea at 7s. 4d. per lb.
   ½ lb. biscuits at 1s. 5d. per lb.

8. 2 dozen pencils at 1½d. each.
   3 notebooks at 4½d. each.
   ½ ream of paper at 5s. 6d. per ream.

9. 3 yd. wire at 4d. per foot.
   ¾ lb. waste at 4d. per lb.
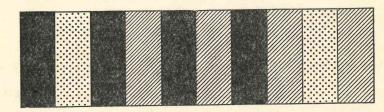   3 dozen hinges at 1d. each.

1.

If $\frac{1}{10} = \cdot1$, what decimal will   *a* $\frac{3}{10} =$ *c* $\frac{5}{10} =$

                        b $\frac{7}{10} =$ *d* $\frac{9}{10} =$

2.

a   What decimal part is black?

b   ,,   ,,   ,, ,, striped?

c   ,,   ,,   ,, ,, dotted?

3.

a   What decimal part is striped?

b   ,,   ,,   ,, ,, black?

c   ,,   ,,   ,, ,, dotted?

A	B
1. 1 dozen at 1s. 5d. each =	1. Find a quarter of 1092.
2. 4 gross =	2. Add 1s. 2½d. to 2s. 8½d.
3. 253+19+34 =	3. How many dozen are there in 996?
4. 6¼ dozen =	4. Find the cost of 19 three-halfpenny stamps.
5. 28 score =	5. How many ounces are there in 2 lb.?
6. 17 weeks = days	6. If eggs are 2s. 3d. per dozen, how much is that for one?
7. 2s. 8½d. ÷5 =	7. Bring 3 gal. 1 pt. to pints.
8. 37 threepences =	8. 2 ft. 3 in. of wire at 1d. per inch.
9. 100+372 =	9. Change 5s. 6d. into threepences.
10. 9 half-crowns =	

REVISION TESTS

A

1. Multiply one thousand and fifty-five by six hundred and seventeen.
2. How much will be left out of £5 after buying 17 yd. of casement cloth at 1s. 6¾d. per yd.?
3. One tank holds 35 gal. 1 qt. and another 28 gal. 2 qt. How much more does one hold than the other?
4. A tram conductor gives 149 penny tickets and 79 twopenny ones. How much money does he take?
5. Divide £38 7s. 3d. into 31 equal parts.

B

1. Three thousand eggs are to be packed into 24 equal boxes. How many will there be in each box?
2. If a bookseller spends £27 15s. on half-crown books, how many does he buy?
3. What is the difference between £3 16s. 10½d. and 9½ gns.?
4. How many minutes are there in 5 hr. 43 min.?
5. A lamp costs £2 10s. and a screen one quarter of this price. Find the cost of a lamp and screen together.

C

1. Add together 2 yd. 1 ft. 9 in., 2 ft. 7 in. and 1 yd. 2 ft. 3 in. and bring your answer to inches.
2. The boys in a school collected farthings and found they had £4 16s. 6¾d. How many farthings had they collected?
3. Find the sum of 3 gross, 18 score and 6¼ dozen and take the answer from a thousand.
4. If the rent of a house is £71 10s. a year, how much is that for one week only?
5. What would be the total cost of a table at 3½ guineas, 6 pillows at 12s. 9d. each and a rug at 25s. 6d.?

A

1. Find the cost of 1 ton 7 cwt. of coal at 2s. 7d. per cwt.
2. Find the product of four thousand four hundred and eight, and nine hundred and seven.
3. A boy buys a 6d. Savings Stamp each week. How many weeks will it take him to save £4 17s. 6d.?
4. The children in a school drink 5 gal. 1 qt. 1 pt. of milk a day. How much is that altogether for 5 days?
5. Divide the difference between £43 17s. 6d. and £80 5s. by 27.

B

1. How many stones are there in 9548 lb.?
2. Add ⅓ of £73 10s. 9d. to 9 times £4 15s. 3d.
3. I go on a journey and spend 3 hr. 27 min. in the train, 46 min. in a motor bus and 15 min. walking. How long does my journey take altogether?
4. 175 tiles at 3d. each are needed for a fireplace. What will be the cost of them?
5. I pay the grocer 9s. 7½d., the butcher 12s. 6d., the draper 1½ gns. and the greengrocer 2s. 9½d. If I have 15s. 4d. left, how much had I at first?

C

1. A full basket of fruit weighs 1½ stone. What will be the weight if it is only a quarter full?
2. A boy's wages are 1s. 10½d. per hour. How much short of £5 are his wages for a week of 48 working hours?
3. If the sum of £198 12s. is divided equally among 14 men and 10 women, how much will each one receive?
4. How many pint bottles will be needed to contain 7 gal. 2 qt. 1 pt. of vinegar?
5. Find the sum of 907, 86, 375 and 1027 and divide the answer by 35.

D

1. Increase £2 17s. 9¾d. 43 times.
2. What is the total value of 565 penny stamps and the same number of three-halfpenny ones?
3. A gang of men can lay 63 feet of paving a day. How many days will they take to finish a length of 2142 yards?
4. How many twopences are contained in the sum of £3 17s. 2d. and £4 15s. 6d.?
5. A man leaves £550 to be divided between his daughter and six sons. If the daughter receives £105 and the sons share the remainder, how much will each son receive?

A

1. 1 dozen at 1s. 2¾d. each =
2. Bring 3 lb. to oz.
3. 29 fourpences =
4. Bring 96 in. to ft.
5. Take 1 dozen from 2 score.
6. 18 half-crowns =
7. 39+7−20 =
8. Find a quarter of 2s. 10d.

B

1. What must be added to 43 to make 100?
2. Change 25 halfpence into shillings and pence.
3. 1 ft. 6 in. of wire at 6d. per yd.
4. How many twenties are there in 180?
5. Add 1 lb. 7 oz. and 12 oz. together.
6. If I save 10s. per month, how much is that in a year?
7. Bring 7 min. to seconds.
8. If a train travels 30 miles in an hour, how far will it travel in 1½ hr.?

REVISION TESTS

A

1. What must be added to the sum of £9 6s. 8¾d., £4 15s. and £12 17s. 10d. to make £35?
2. How many pounds of sweets would be needed to give 196 children an ounce each?
3. The school fees for 32 children amount to £88 16s. How much is that for each child?
4. If it takes 7 hr. 35 min. to knit a sock, how long will it take me to knit 3 pairs?
5. Multiply 1789 by 527.

B

1. How much more than £25 is needed to buy 17 chairs at £1 18s. 9d. each?
2. How many times will 43 go into 8385?
3. A man picks 2 st. 10 lb. of fruit. How much more must he pick to make up 4½ stone?
4. Add together 195 half-crowns, 195 shillings and 195 pence.
5. Find the difference between a quarter of 776 and an eighth of 936.

A

1. If hearthrugs are 26s. 9d. each, what is the value of 35 such rugs?
2. After drawing 4 gal. 3 qt. 1 pt. of vinegar, a cask still remained three quarters full. How much did it contain at first?
3. How many times is 3 dozen contained in 8172?
4. A newsagent delivers 87 newspapers a day; how many is that in a year?
5. If twenty-five chairs are worth £96 9s. 2d., what is the cost of one only?

B

1. A man buys 32 toys for £100 and sells them at £4 5s. 6d. each. How much profit does he make?
2. How many minutes are there in 9 hr. 35 min.?
3. There are 920 trees in a wood. A quarter of them are oaks, 275 are ash trees and the rest are elms. How many are elms?
4. If I use a pint of milk a day, how many gallons shall I use in 12 weeks?
5. Take a quarter of £3 19s. 6d. from $8\frac{1}{2}$ gns.

C

1. The expenses of a concert are £5 17s. 9d. If 193 half-crown tickets are sold, how much profit will be made?
2. A grocer sold lard weighing 42 lb. for £2 12s. 6d. How much per pound was it?
3. Find the cost of 10 lb. of sweets at 2d. per oz.
4. If 6 yd. 1 ft. 3 in. of ribbon is needed for 7 bows, how much ribbon is there in each one?
5. Find $\frac{1}{24}$ of 9912.

D

1. Tom had saved £4 5s. 9d. and his brother 5 times as much. How much had they saved between them?
2. If each child at a party of 250 received a 3d. toy and a 1d. balloon, how much money was spent?
3. If a girl packs 2072 chocolates a week, how many will she pack in two years?
4. Make 3 st. 5 lb. 9 oz. 9 times as big.
5. I had 6s. 9d. left out of £5 10s. after buying 21 yd. of cloth. How much per yard was the cloth?

A

1. 32 oz. =   lb.
2. 11×11 =
3. $16 + 136 + 70$ =
4. $\frac{3}{4}$ hr. =   min.
5. 5s. 4d. $\div 4$ =
6. 1 ft. 6 in. =   yd.
7. $\frac{3}{4}$ of 24 =
8. 5s. 6d. $-$ 1s. $3\frac{1}{2}$d. =
9. 3d. $\times 29$ =
10. 123×200 =

B

1. Eggs are 2s. 9d. a dozen. Find the cost of one.
2. Find the cost of 38 twopenny toys.
3. Find the cost of one yard of ribbon at 2d. a foot.
4. $3\frac{1}{2}$ dozen $-$ 6.
5. $\frac{3}{4}$ lb. of cheese at 10d. lb.
6. $1\frac{1}{2}$ dozen at 2d. each =
7. 77 three-halfpences =
8. Add $\frac{1}{2}$ of 138 to 20.

REVISION TESTS

A

1. 43 motor cycles are worth £4171. What is the price of each cycle?
2. Find the difference between one hundred and ninety-seven and ten thousand.
3. Find the value of 27 clocks at £3 16s. 9d. each.
4. How much was taken off the price of a $5\frac{1}{2}$ guinea suit if I bought it for £4 8s. 3d.?
5. A greengrocer buys oranges at 2 for 1d. How many will he get for 12s. 6d.?

B

1. From the sum of 1273 and 1000 take 127.
2. How many quarters are there in 2968 lb.?
3. 2719 packages were to be packed in cases holding 37 each. How many cases would be needed and how many packages would the last case contain?
4. Take the least from the greatest: £20, $3\frac{1}{2}$ guineas, £20 3s. 6d. and £3 16s.
5. Find the product of one thousand and six, and one hundred and eight.

C

1. How many $\frac{1}{2}$ oz. are there in 6 lb. 7 oz.?
2. Multiply one gross by twelve and divide your answer by 48.
3. By what sum of money is £6 5s. 8d. short of 4 times itself?
4. A man buys a 2d. newspaper every day. What is his newspaper bill for a year?
5. A licence costs 10s. per year. What does it cost per month?

A

1. 13s. 6d. ÷ 3   =
2. $1\frac{1}{2}$ lb. =   oz.
3. 11 × 14   =
4. $\frac{3}{4}$ of 1s. 4d.   =
5. 1144 ÷ 11   =
6. 3s. 0d. — 1s. $4\frac{3}{4}$d. =
7. $\frac{3}{4}$ yd. =   in.
8. $4\frac{1}{2}$ dozen   =
9. 360 ÷ 20   =
10. 3 gal. =   pt.

B

1. Find the cost of 1 lb. 8 oz. of sugar at 5d. per lb.
2. Find the cost of 75 three-halfpenny buns.
3. Find the cost of a gal. at 3d. per pt.
4. Find a third part of 11s.
5. 2s. $6\frac{1}{2}$d. + 1s. 3d. + 7s. 3d.
6. How many fourpenny articles can I buy with 6s. 8d.?
7. $2\frac{1}{2}$ dozen buns at 1d. each.
8. Multiply 50 by itself.

REVISION TESTS

A

1. How many farthings is 13s. $6\frac{1}{2}$d. short of £2?
2. A boy works 48 hr. a week for 10 weeks at 1s. 6d. per hr. How much will he earn?
3. Find the sum of one hundred and six, forty-nine, ten thousand, and one thousand and seven.
4. What change shall I have out of $15\frac{1}{2}$ guineas after buying 7086 pencils at $\frac{1}{2}$d. each?
5. Add together £$\frac{1}{2}$, £$\frac{1}{4}$, one florin and two half-crowns.

B

1. Divide £100 by 24 and take £1 3s. 6d. from your answer.
2. A pony and a trap were sold for £36. If the trap cost $\frac{1}{5}$ of the whole purchase, what was the price of the pony?
3. Find the difference between £100 2s. 6d. and £4 and bring your answer to sixpences.
4. How many yards are there in 3852 in.?
5. How many minutes are there in 1 day?

C

1. How many pairs of socks at 2s. 6d. per pair can be bought for £5 17s. 6d.?
2. How many bottles of all kinds are in the shop when 6 shelves have 8 quart bottles on each, and there are 24 shelves with 16 pint bottles on each, whilst 32 shelves hold 27 half-pt. bottles on each?
3. From the product of sixteen hundred and five, and ninety-eight, take three thousand two hundred and three.
4. Find $\frac{3}{28}$ of 3360.
5. Take 2046 pence from £100. Answer in £ s. d.

B & A
ARITHMETIC
BOOK 2

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